Lancaster Farming

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House passes Ag Area bill with 192-1 vote

BY SHEILA MILLER

HARRISBURG — With a vote of 192-1, House Bill 143, the ag area legislation that has been in the mill since January, finally passed off the floor of the House of Representatives on Tuesday.

"I'm pleased it passed," remarked prime sponsor of HB 143 Representative Noah Wenger, 99th District, Lancaster County. The legislation now moves to the state Senate.

Voting against the bill was Representative Richard A. Geist, a republican from the 79th District, Blair County.

HB 143 provides for the establishment of agricultural areas, created by farmers and local government officials on a voluntary basis.

Wenger explained farmers or others who own as an aggregate at least 500 acres of viable agricultural land can request their local municipalities to establish ag areas. The areas could consist of one contiguous area or two or more non-contiguous areas or parcels.

Once the farmers request an ag area be formed, the local government would follow normal public hearing procedures:

- posting a notice;
- allowing a 30-day period for comments;
- submitting the proposal with amendments to the planning commission and the Agricultural Area Advisory Committee (establishment provided in HB 143 after local government receives a petition from farmers to create an ag area);
- commission and committee reporting findings and recommendations within 45 days after receiving the proposal with modifications from the local officials;
- holding public hearings and giving notice to those affected;
- voting.

All this must take place within 180 days of the proposal's submission. If the local officials adopt the proposal, it goes into effect immediately.

"HB 143 is part of an effort to conserve, protect and encourage the development and improvement of state agricultural land, and to retain a strong, prosperous agriculture in Pennsylvania," states a summary of the legislation. "It is important to the

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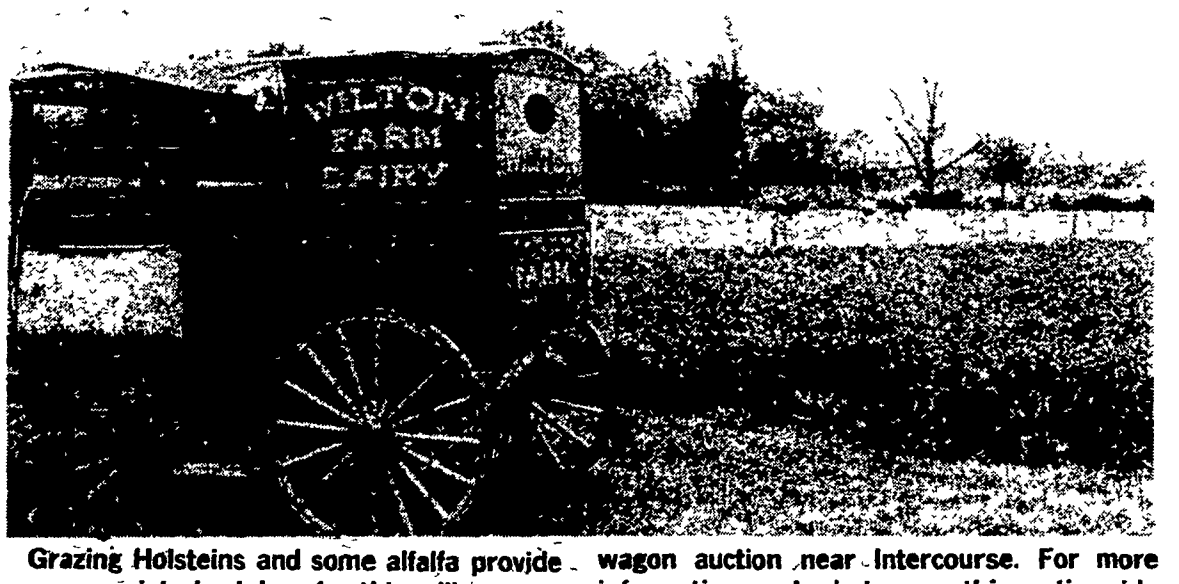
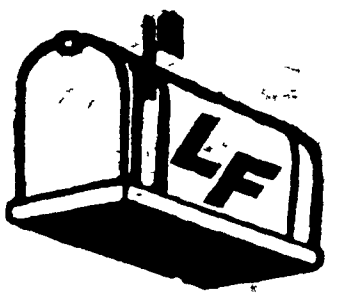


Grazing Holsteins and some alfalfa provide an appropriate backdrop for this milk wagon, which was still used for deliveries in Baltimore in the 1930's. Now, it's among items being sold this weekend at Martin's carriage and wagon auction near Intercourse. For more information and photos on this nationwide collecting craze for horse-drawn vehicles, turn to page A-20.

Inside This Week's...



When you were a youngster and followed your parents to the dairy barn, did you have a dream of one day milking your own cows? Well, two Lebanon County cousins had just the boyhood dream and now are in the midst of having it come true. See how they're doing it in a unique combination of the past and future...A26

May marks the sixteenth summer the Susquehannock State Park, Lancaster's only state park, has been open to the public. Filled the self-guided nature trails, picnic areas, and open meadows next to the Susquehanna River, the park is the retreat for families seeking rest and recreation...C2

Meet Lancaster County's Poultry Queen, Heidi Miller, as she talks about her reign, Also, try her favorite egg recipe, Instant Egg Pickup ..C8

Sunflower oil has been used as a diesel fuel replacement, but there are still some rough edges to smooth off in the trial. Read about the home grown fuel as an alternative to Arab oil...D4

Gypsy moth about to begin 2-million-acre forest snack

LANCASTER — It likely only made its appearance within the past few days.

Presently ranging in size from only a quarter to possibly three quarters of an inch, it will soon grow to a length of two and one-half inches.

But what it lacks in size, it more than makes up for in the form of a voracious appetite.

And there lies the problem.

The diminutive pest, of course, is the gypsy moth, which is just now beginning what will likely be a record attack on area trees and forests.

"We expect the worst infestation the state has ever had," according to James Nichols, Chief, Division of Forest Pest Management, of the DER's Bureau of Forestry.

"In all likelihood, approximately two million acres of forests will be defoliated."

That amount of forest land expected to be affected is quite a jump over the past two years.

In 1979, only 8,000 acres were defoliated by the gypsy moth. Last year, the total increased dramatically to some 440,000 acres. And now the problem is expected to spiral again by nearly five-fold.

The previous major problem year was 1977 when a total of 1.3 million acres was defoliated.

"The state is still largely basing its long-range program on biological control," Nichols explains.

"Eight different parasites which feed on the gypsy moth had been

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REGULAR COLUMNS

Editorials, A10; Now Is The Time, A10; Ask VMD, A38, Joyce Bupp's column, C5; Ladies Have You Heard, C10; Ida's Notebook, C11;

DAIRY

Juniata DHIA, C33; Potter DHIA, C33; Perry DHIA, D8; Franklin DHIA, D9.

HOME AND YOUTH

Homestead Notes, C2; Home on Range, C6; Kid's Korner, C12; FFA News, C17-21; Safety, C22

L.F. celebrates Dairy Month

LANCASTER — It's hard to believe a whole year filled with news and features has passed since **Lancaster Farming** was preparing for the 1980 June Dairy Month issues.

But here it is — that time of year again and L.F. is once again gearing up for an issue that will make you want to skip dinner and the next milking.

Dairy groups, producers, and others who want to take part in this year's salute to dairying are invited to get involved. Send us a story, call us with an idea, or let us know when your special meeting dates are for the Farm Calendar — it'll all add up to a super month.

Once again L.F.'s Home Section will be chock-full of mouth-watering recipes that use bargain dairy ingredients for delicious, nutricious meals. And best of all, these recipes will be the tried-and-true favorites of our readers.

To the cooks who share their 'secret' dairy recipes with L.F. readers, a special Dairy Month gift will be sent to show our appreciation. We're keeping it a surprise, but the gift is guaranteed to delight any cook.

So you don't miss out on taking part in this Dairy Month celebration's special June 6 issue, be sure to send us your news by Tuesday, June 1. Paid advertising for the issue is also due that day.

Give us a call at 717/394-3047 or 717/626-1164. Or, write **Lancaster Farming**, Box 366, Lititz, PA 17543.

Will Dairy Month be 'udderly' terrific? It's in the bag!

Livestock market and auction news

Lancaster Market

Monday, May 11
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1223	64	1338	141
Last Monday	1026	75	742	118
Last Year	1275	105	1202	115
Monday's Auction	1300	50	1244	141
Last Monday's Auction	1078	65	787	119

CATTLE: Compared to last Wednesday slaughter steers .50 lower, instances 1.00 lower; slaugher heifers steady; cows steady, instances .50 higher on Cutter; bullocks steady; bulls firm to 1.00 higher. Supply included 73% slaughter steers, 11% slaughter heifers, 10% bulls and 6% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1470 lb. 65.75-68.10, few lots 4-5 1250-1465 lb. 63.00-65.75; Choice 2 1075-1385 lb. 66.00-67.25, few head 68.00-69.75; Choice 2-4 950-1375 lb. 63.35-65.75, few 65.85-66.35; high Good and low Choice 2-3 61.50-63.50; Good 2-3 59.00-62.00; Good and Choice 1150-1400 lb. Holsteins 54.25-56.50, few Choice 57.00-59.50; Standard 1-2 50.50-54.75.

SLAUGHTER HEIFERS: Choice 2-3 940-1130 lb. 59.25-63.50, few yield grade 2 63.65-60.00; Good 2-3 850-1050 lb. 54.50-59.00.

COWS: Utility and Commercial 1-3 43.00-46.25, couple 46.25-46.75; Cutter 1-2 42 25-46.00, few 46.50-47.00; Canner and low Cutter 38.75-42.75.

BULLOCKS: Choice 1050-1350 lb. 55.75-59.75, few 60.00-61.00; Good 1000-1250 lb. 52.00-56.00.

BULLS: Yield grade 1 1300-2000 lb. 54.75-58.50, few 60.50-62.75, individual 1360 lb. 71.75; yield grade 2 1000-1450 lb. 50.50-54.75.

VEAL CALVES: Vealers mostly steady. Demand good for calves returned to farm.

VEALERS: Choice 140-270 lb. 105.00-117.00; high Good and low Choice 140-230 lb. 80.00-95.00, 120-140 lb. 70.00-80.00, 80-115 lb. 55.00-65.00 few 65.00-70.00.

RETURNED TO FARM: Bulk 85-120 lb. Holstein bulls 85.00-97.00; few 90-120 lb. Holstein heifers 125.00-145.00.

SHEEP: Slaughter lambs mostly steady; slaughter ewes firm to 2.00 higher.

SPRING LAMBS: Choice and Prime 80-95 lb. 73.00-79 00; few Choice 35-40 lb 100.00-111.00

SHORN LAMBS: Good 55-80 lb 55.00-65.00; one lot Choice 99 lb 73 50

SLAUGHER EWES· Utility and Good 15.00-26 00.

Vintage Livestock

Tuesday, May 12
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1534	482	46
Last Tuesday	759	433	33
Last Year	1274	425	44

CATTLE: Compared to last Tuesday slaughter steers uneven, few sales Good and Choice 1-2 steady to .50 lower, bulk of Choice and Prime steers 1 00-1.25 lower, Good and Choice Holsteins 1.00-1.50 higher; slaughter heifers not fully tested; cows 1 00-3.00 higher; bullocks steady; bulls 1.00-2.00 higher. Supply included 80 per cent slaughter steers and 13 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1375 lb. 65.75-67.85, few head 68.00-68.50; Good and Choice 1-2 1050-1325 lb. 66.50-69.50, 15 head 70.00-71.50; Choice 2-4 950-1350 lb. 63.25-66.60, mainly 64.00-66.00; high Good and low Choice 2-3 1000-1350 lb. 60.00-64.00; Good 2-3 59.00-61.50; Good and Choice 1200-1475 lb. Holsteins 55.25-58.50, few Choice 58.50-60.60; Standard 1-2 53.00-54.50.

SLAUGHTER HEIFERS: Couple Choice 2-3 950-1075 lb. 60.75-63.75; few Good 3-4 50.00-52.00.

COWS: Utility and Commercial 1-3 46.00-48.00, few 48.00-49.75; Commercial 3-4 40.50-45.00; Cutter 1-2 44.50-47.50, few 47.50-48.50; Canner and low Cutter 40.00-44.75.

BULLOCKS: Couple Choice 1050-1250 lb. 56.00-59.00, few Good 53.75-56.10.

BULLS: Yield grade 1 1400-1900 lb. 56.00-59.85, couple 60.00-63.50, individual 1930 lb. 65.60; yield grade 2 1000-1450 lb 50.75-55.85.

VEAL CALVES: Vealers mostly steady Supply included 350 in graded sale of which 62 per cent sold to return to farm.

VEALERS· Couple Choice 180-250 lb. 98.00-102.00; high Good and low Choice 130-250 lb. 75.00-98.00, 90-120 lb 67.00-75.00, 70-85 lb. 58.00-68 00.

RETURNED TO FARM: 50 head 90-125 lb. Holstein heifers 163.00-178.00, one lot 82 lb. 105.00, one lot 91 lb. small frame 147.50; 140 head 100-125 lb. Holstein bulls 88.00-100.00, 15 head small frame 110-125 lb. 75.00-79.00.

SHEEP· Spring lambs not fully tested; few slaughter ewes weak to 5.00 lower.

SPRING LAMBS: Choice 80-100 lb. 60.00-64.00; few Choice 30-45 lb 64.00-72.00, few returned to farm at 81.00-91.00.

SLAUGHTER EWES: Utility and Good 14.00-27.00.

Lancaster Auction

Wednesday, May 13
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	751	27	568	7
Last Wednesday	613	36	906	1
Last Year	765	28	1122	31
Wednesday's Auction	734	35	641	7
Last Wednesday's Auction	577	31	975	1

CATTLE: Compared to Monday slaughter steers 1.00-1.50 lower; slaughter heifers steady; cows 2.00-4.00 higher; bullocks 1.00-2.00 higher; bulls 1.00-2.00 higher. Supply included 84% steers with 110 sold as replacements, 8% cows, 5% bulls, and 3% slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1350 lb. 64.75-66.10, few head 66.25-66.50; Choice 2-4 975-1325 lb. 63.00-65.00, few 65.00-65.35; high Good and low Choice 2-3 60.00-62.50; few Choice Holsteins 1300-1425 lb. 58.50-59.10.

SLAUGHTER HEIFERS: Choice 2-3 925-1050 lb. 60.00-62.50, few Choice 2 63.75-66.00; Good 2-3 800-1050 lb. 53.25-59.00.

COWS: Utility and Commercial 1-3 47.00-49.75; several Cutter and Utility beef breed 43.00-47.50; Cutter 1-2 46.00-49.25; Canner and low Cutter 42.00-47.75.

BULLOCKS: Choice 1050-1350 lb. 57.75-61.00, few 62.50-63.10; couple Good 1000-1250 lb. 52.50-56.50.

BULLS: Yield grade 1 1450-1950 lb. 58.00-60.75, couple 61.75-62.85; yield grade 2 1000-1450 lb. 51.25-55.25.

FEEDER STEERS: Around 100 head Medium frame #1 1030-1115 lb. few with Choice slaughter finish 62.10-64.25.

VEAL CALVES: Market not fully tested; few high Good and low Choice 80-115 lb. 55.00-70.00.

SHEEP: No market test.

New Holland Livestock

Thursday, May 14
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1216	403	48	11
Last Thursday	1435	396	47	5
Last Year	1134	246	68	30

CATTLE: Compared to last Thursday slaughter mostly steady; slaughter heifers steady; cows 2.00-4.00 higher; bullocks firms to 1.00 higher; Bulls 1.00-2.00 higher. Supply included 64 per cent slaughter steers. 19 per cent cows and 11 per cent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1400 lb. 65.75-66.85, few lots 67.00-67.85 with few head 68.00-69.35; Choice 2 975-1375 lb. 65.75-68.25; Choice 2-4 1000-1325 lb. 63.25-66.00; few lots 66.00-66.85; high Good and low Choice 2-3 975-1375 lb. 61.00-64.00; Good 2-3 59.00-62.00; Good and Choice 1175-1475 lb. Holsteins 56.00-58.50, few 58.50-59.75; Standard 1-2 52.00-54.50.

SLAUGHTER HEIFERS: Choice 2-3 925-1075 lb. 61.00-63.50, few yield grade 2 64.00-65.75; Good 2-3 875-1100 lb. 54.75-59.50.

COWS: Utility and Commercial 1-3 47.00-49.95, few 50.00-51.75, couple 52.75-54.35; Cutter 1-2 44.00-49.00, few 49.00-51.25; Canner and Low Cutter 41.50-45.50.

BULLOCKS: Choice 1050-1300 lb. 56.50-59.50, few 59.50-60.50; Good 1000-1275 53.50-56.00.

BULLS: Yield grade 1 1400-1900 lb. 56.00-59.75, few 60.00-62.00, individual 64.75; yield grade 2 1000-1450 lb. 52.00-56.00.

VEAL CALVES: Small supply prime vealers 10.00-15.00 higher; Choice firm to 5.00 higher, high Good and low Choice 7.00-10.00 higher. Demand Good for calves to return to farm.

VEALERS: Few prime 225-325 lb. 118.00-129.00, few 130.00-133 00; Choice 140-290 lb. 100.00-115.00, few 115.00-119.00; high Good and Low Choice 130-250 lb. 75.00-98.00, 90-120 lb. 58.00-70.00, few 70.00-75.00, 55-85 lb. 54.00-62.00.

RETURNED TO FARM: Bulk 85-120 lb. Holstein heifers 98.00-135.00, few 140.00-174.00; bulk 85-115 lb Holstein bulls 60.00-96 00, few 98.00-106.00.

SHEEP: Spring lambs fully steady; slaughter ewes 2.00-5.00 higher.

SPRING LAMBS: Choice 35-50 lb. 75.00-84.00, few 60-90 lb. 72.00-81.00.

SLAUGHTER EWES: Utility and Good 23.00-32.00.

GOATS: All goats sold by the head mainly 33.00-50.00.

Lancaster Weekly

Friday, May 15

	Cattle	Calves
This Week	5200	985
Last Week	4324	940
Last Year	4869	1011

CATTLE: Slaughter steers steady to weak, some sales at midweek .50-1.00 lower; slaughter heifers steady; cows higher thoughout the week, closing 2 00-4.00 higher; bullocks firm to 1 00 higher; bulls 1.00-2.00 higher. Supply included 69 per cent slaughter steers, 55 per cent heifers, 11 per cent cows, 7 per cent bulls with the balance feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1400 lbs 65.75-67.85, few 68.00-69.35; Good and Choice 1-2 1050-1385 lbs. 65.75-68.25, several 68.25-69.50, with around 20 head 70.00-71.50; Choice 2-4 950-1350 lbs. 63.25-66.50, few 66.50-66.85, high Good and low Choice 2-3 61.00-64.00, Good 2-3 59.00-62.00; Good and Choice 1150-1400 lb. holsteins 54.25-58.50, few Choice 58.50-60.50, Standard 1-2 50.50-54.75.

SLAUGHTER HEIFERS: Choice 2-3 925-1130 lbs. 59.25-63 75, few Yield Grade 2 63.75-66.00; Good 2-3 800-1050 lbs. 52.00-59.50.

COWS: Utility and Commercial

(Turn to Page A 15)

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

B&R CATTLE CO.
RD1, Marietta, PA
17547
Office Phone:
(717) 653-8164
Specializing In
Stockers &
Feeders
JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph (717) 656-9849

LANCASTER STOCKYARDS
WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE - MAY 19

LANCASTER STOCKYARDS WILL BE OPEN FOR BUSINESS AS USUAL MEMORIAL DAY, MONDAY, MAY 25
PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
(717) 394-2611

VINTAGE SALES
STABLES, INC.

Sale Every Tuesday & Friday
11 A.M.
Slaughter Cattle Auction-
Steers, Bulls, Heifers, Cows,
Feeder Cattle.
(no calves or sheep Friday)
Get calves in early We start to grade and weigh at 2·30

Sale Every Wednesday& Saturday - 9 A.M.
Hog Sale

Sale Every Thursday 12:30 P.M.
Hay, Straw & Grain Sale

3 possum bellied trailers available for long distance and local hauling

Business Phone
717-768-8204
Home Phone
215-458-5060
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

NEW HOLLAND The Action Auction
AUCTIONS make the difference in auctions!
NEW HOLLAND makes the difference in marketing livestock!

MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A M Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION
12 00 Noon Dairy Sale
1 30 P M Feeder Pig Sale

THURSDAY'S AUCTION
11 00 A M Beef Sale
Order of Sale Bulls Fat Steers Cows Veal
3 30 P M Calf Sale

NEW HOLLAND
SALES STABLES INC.
New Holland, PA
Abram W Diffenbach, Manager
Phone 717-354-4341

LEBANON
VALLEY
LIVESTOCK
MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1 30 P.M starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Saturday, May 9
Report supplied by USDA & Auction

1080 head.

U.S. 1 210-235 lbs. 45.75-48.00, few 49.00-50.00; U.S. 1 & 2 210-240 lbs. 44.75-45.50; U.S. 2 & 3 200-250 lbs. 44.00-44.50; Sows 350 lbs. and up 35.50-38.75; Boars 200 lbs. and up 32.00-33.50.

Monday, May 11

HOGS: Barrows and gilts 2.00-2.50 higher.

BARROWS AND GILTS: US 1 200-240 lbs. 44.50-45.50; US 1 205-250 lbs. 45.60-46.60, Few Selected 47.00-47.50; US 1-3 210-260 lbs. 44.00-44.75.

Wednesday, May 13

HOGS: Barrows and gilts steady to 25 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 44.50-45.00, Couple lots 45.10-45.25; Few Selected US 1 210-240 lbs. 46.00-46.50; US 1-3 210-260 lbs. 44.00-44.50, Couple lots 260-275 lbs. 43.50-44.00.

New Holland Hogs

Monday, May 11
Report supplied by USDA

Today	1164
Last Monday	1183
Last Year	1771

TREND: Compared to last Monday barrows and gilts 2.00 higher, instances 2.50 higher.

BARROWS AND GILTS: US 1-2 200-250 lbs. 44.50-45.10. US 1 210-240 lbs. 45.50-46.00, Few Selected 46.00-46.50. US 1-3 210-260 lbs. 43.75-44.50.

New Holland Feeder Pigs

Wednesday, May 13
Report supplied by USDA

Today	846
Last Wednesday	970
Last Year	1639

TREND: Compared to last Wednesday feeder pigs 3.00-7.00 higher, some sales on weights over 50 lb. 10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

GRADE US 1-2 215 head 24-39 lbs. 75.00-80.00; 44 head 31 lbs. 85.00-89.00; 258 head 40-49 lbs. 66.00-76.00; 56 head 53-56 lbs. 64.00-66.00; 49 head 71-102 lbs. 61.00-70.00.

US 2-3: 62 head 27-37 lbs. 64.00-77.00; 26 head 55-56 lbs. 61.00-65.00.

Lancaster Feeder Pigs

Tuesday, May 12
Report supplied by USDA

Today	1330
Last Tuesday	1159
Last Year	1318

TREND: Compared to last Tuesday feeder pigs steady to 3.00 lower. Bulk of supply US 1-2 30-60 lbs. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 621 head 28-39 lbs. 67.00-80.00; 375 head 50-59 lbs. 62.00-69.00; 25 head 50 lbs. 72.00; 71 head 60-69 lbs. 52.00-61.00.

US 2-3: 42 head 39-49 lbs. 47.00-61.00; 10 head 50-52 lbs. 46.00-47.00.

Vintage Hogs

Vintage Sales Stables
Saturday, May 9
Report supplied by auction

544 head.

U.S. 1&2 210-235 lbs. 43.50-45.50; U.S. 2&3 200-245 lbs. 42.00-43.50; Sows 300-500 lbs. 36.00-38.00; Boars 250-350 lbs. 33.00-36.00.

Wednesday, May 13

372 head.

U.S. 1&2 210-235 lbs. 44.00-45.85; U.S. 2&3 200-245 lbs. 42.50-44.00; Sows 300-500 lbs. 36.00-37.00; Boars 250-350 lbs. 37.00-38.00.

Indianapolis Hogs

Thursday, May 14
Report supplied by USDA

HOGS: 1400 - Barrows & gilts active, early sales 25 higher. US 1-2 200-250 lbs. 43.00-43.50.

SOWS: Active, 50-1.00 lower. (13%). US 1-3 400-500 lbs. 37.00-38.25, 500-600 lbs. 38.75-39.00. US 1&3 & Medium 300-400 lbs. 35.00-36.00.

BOARS: Under 250 lbs. 35.00; Over 350 lbs. 37.50.

St. Louis Hogs

Thursday, May 14
Report supplied by USDA

HOGS: 5000 - Barrows & gilts moderately active, 50-1.00 higher, full advance on weights under 260 lbs. US 1-2 200-240 lbs. 42.50-43.00, bulk 42.75-43.00; US 1-3 220-250 lbs. 41.75-42.50.

SOWS: Very uneven, steady-1.00 instances 2.00 lower. (About 9%). US 1-3 300-450 lbs. 36.50; 450-500 lbs. 36.00; Over 550 lbs. 37.00-38.00.

BOARS: Over 300 lbs. 37.50; under 300 lbs. mostly 36.50, few 37.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, May 14
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	481,000	27,000	1,434,000	79,000
Last Week	455,000	27,000	1,398,000	72,000
Last Year	455,000	29,000	1,499,000	81,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday May 14)

	Corn	Wheat	Soybeans	Soybean Meal
May	3.44	4.00	7.51	217.50
July	3.54¾	4.15¼	7.66½	220.60
Sept.	3.64	4.32¼	7.78½	
Oct.	–	–	–	224.50
Nov.	–	–	7.91½	–

Trend - Corn is higher, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday May 14)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	68.20	48.55	
July		51.20	
Aug.	65.80	51.60	
Oct.	64.47		
Nov.			7:11

Trend - Cattle are higher, Hogs are higher. Potatoes are lower.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Feeder Pig Sale

Farmville, Va.
Thursday, May 7
Report supplied by VDA

There were 2548 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1&2: 30-39 lbs. 80.50; 40-49 lbs. 70.00; 50-59 lbs. 60.00; 60-69 lbs. 57.50; 70-84 lbs. 57.00; 85-99 lbs. 50.00.

US 3: 30-39 lbs. 75.00; 40-49 lbs. 62.50; 50-59 lbs. 59.00; 60-69 lbs. 57.00; 70-84 lbs. 56.00.

UTILITY: 30-39 lbs. 52.00; 40-49 lbs. 56.00; 70-84 lbs. 51.00.

US 4: 30-39 lbs. 52.00; 40-49 lbs. 56.00; 70-84 lbs. 51.00.

Peoria Hogs

Thursday, May 14
Report supplied by USDA

HOGS: 3800 - Barrows & gilts moderate, 25-50 higher. US 1-2 200-240 lbs. 42.50-43.25; US 1-3 200-240 lbs. 41.50-42.50.

SOWS: Weak to 1.50 lower. (17%). US 1-3 350-500 lbs. 36.00-36.50, some 37.00; 500-650 lbs. 36.50-37.50.

Caroline Feeder Pig Sale

Denton, Md.
Monday, May 11
Report supplied by MPPA

1435 head.

Trend compared to last sale $15 lower per hundredweight.

325 pigs, grades 1-2, 61.00-92.00; 395 pigs, grades 1-2, 62.00-76.00; 226 pigs, grades 1-2, 60.00-75.00; 347 pigs, grades 1-2, 56.00-72.00.

Four States Livestock

Hagerstown, Md.
Wednesday, May 6
Report supplied by auction

SLAUGHTER: Fed Steers Steady prices. Good 54.00-58.75; Medium 53.00 Down. Heifers. Choice 54.00-57.50; Good 48.00-53.00; Medium 47.00 Down. Cows $2.00 lower mostly due to strike in N.Y. High Yield 45.00-47.00; Average 42.00-44.50; Big Middle 37.00-41.00; Fatty Herf. 35.00-38.00; Shelly 40.00 Down. Fat Bulls $2.00 lower. Good 52.00-55.00; Medium 46.00-51.00. Veal Calves Steady to $1.00 lower. Choice to 95.50; Good 88.00-93.50; Medium 75.00-87.00; Farm Hfrs. to 110.00; Farm Bulls to 91.50; Light & Weak 61.00 Down.

STOCKER: Steers 300-550 lbs. Mostly steady. Choice 70.00-74.00; Good 64.00-69.00; Medium 57.00-63.00; Culls 56.00 Down. Steers 600-850 lbs. Choice 64.00-68.00; Good 58.00-63.00; Medium 57.00 Down. Heifers (All Weights) few to 72.00; Choice 54.00-60.00; Good 48.00-53.00; Medium 47.00 Down. Bulls Choice 62.00-67.00; Good 54.00-61.00; Medium 53.00 Down. Dairy Cows to 980.00. Springing Heifers to 1110.00. Pigs, Hd. Light run, steady prices. 20-30 lbs. 14.00-25.00; 40-60 lbs. 26.00-29.50. Shoats by Lb. to 37.00. Slaughter Hogs 50 cents under last week. Few lots 40.60-41.10; 210-230 lbs. 39.75-40.50; 240-260 lbs. 39.50-40.25; 190-205 lbs. 37.50-39.60. Sows 300-575 lbs. 32.75-39.75.

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Poultry Markets

Weekly New York Egg Market

From Friday, May 8 to May 15

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	71	71	71	71	71
Ex Large	68	68	68	68	68
Large	65	65	65	65	65
Mediums	59	59	59	59	59
Pullets	48	48	48	48	48
BROWN					
Jumbo	94	94	95	95	95
Ex Large	81	81	82	82	82
Large	77	77	78	78	78
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	58	58	58	58	58
Checks	33	33	34	34	34

Tone: Large barely steady. Balance medium easy.
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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	May 12 Tuesday	May 14 Thursday
Class 1 - Large	48 lbs.	50	51
Class 2 - Large	45 lbs.	48	48
Class 3 - Medium	42 lbs.	43	43
Class 4 - Small	39 lbs.	36	36
Breaking Stock	48 lbs.	42	42
Checks	48 lbs.	37	37

Philadelphia Eggs

Wednesday, May 13
Report supplied by USDA

Prices unchanged. Cartoning demand fair to occasionally good where limited features involved. Offerings fully adequate on all sizes. Undertone steady.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered; store door.

A Extra Large 64½-67; A Large 63½-66; A Medium 57-59.

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Record-Express Office Building
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N. E. Weekly Shell Egg Report

Tuesday, May 12
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	83-85	79-81	66-71	48-54
Mostly	83	79	68-69	50-52
N. HAMP.	78-83	74-81	61-68	43-50
Mostly	80-83	76-69	63-66	45-48
R.I.	86-87	82-83	70-71	52-53
VERMONT	85-94	81-90	68-80	–
Mostly	87	83-85	70-75	–
MAINE	84-87	80-83	68-70	50-51

+ Includes Central and Western Sections only.

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, May 5
Report supplied by USDA

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE: range 5-10, mostly 10.

HENS, HEAVY TYPE: range 25-31, mostly 28.

PULLETS: range 51-58, mostly 58.

ROASTERS: range 53.

FRYERS: range 47.

DUCKS: range 100.

DRAKES: range 100.

RABBITS: range 80-122, mostly 115.

GUINEAS: range 155-161.

PIGEONS (PER PAIR): range 160-500, mostly 260.

TOTAL COOPS SOLD: 152.

Eastern Pa. & N.J. Poultry

Wednesday, May 13
Report supplied by USDA

Prices light type hens held unchanged. Farm offerings adequate for a fair processor demand. Advance offerings lighter than past several weeks. Offerings of heavy type ample for a light processor interest.

Prices paid at Farm.

Lightweight at farm: 5-7, mostly 6-6½.

FOB plant: 9-9½, mostly 9.

Heavyweight: TFEWR.

Delmarva Poultry

Wednesday, May 13
Report supplied by USDA

RTC movement continues fairly good on whole birds & breasts while slower on legs and wings. Slaughter schedules very heavy in most quarters. Today's LTL asking prices 53-54½ on US Grade A. Advance interest fairly good as buyers prepare for Memorial weekend needs. Live supplies fully adequate at weights in a wide acceptable range. Undertone fully steady to firm.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 5/13 1790; Actual 5/6 1857; Actual 5/11 1727; Average Weights 5/11 4.28; 5/4 4.23.

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Lancaster Feeder Cattle

Friday, May 8
Report supplied by USDA

Today	335
Last Friday	420
Last Year	349

TREND: Small supply feeder steers and heifers weak to 1.00 lower. Supply included about 150 head in lots of six to 10 with balance sold in lots of four or less.

FEEDER STEERS: Medium Frame 1: Couple lots 610-660 lbs. 62.75-67.00; one lot 755 lbs. 62.00; one lot 925 lbs. 61.00. Small and Medium Frame 1: Couple lots 715-790 lbs. 62.50-63.50. Large Frame 1: One lot 705 lbs. 64.10 and one lot 875 lbs. 59.25. Medium Frame 2: One lot 505 lbs. 67.25.

FEEDER HEIFERS: Medium Frame 1: One lot 520 lbs. 59.25 Large Frame 1: One lot 480 lbs 61.00; one lot 515 lbs. 58.25.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, May 12
Report supplied by auction

MUSCOVY DUCKS, DRAKES. range 1.20-1.38.

MUSCOVY DUCKS, HENS: range 1.30-1.32.

PULLETS: 6-9 lbs. range .46-.50.

RED FOWL: 4-5 lbs. range .22-.32.

RED FOWL: 6-7 lbs. range .32-.40.

CROSSBRED FOWL: 6-9 lbs. range .28-.36.

CROSSBRED ROOSTERS. 4-6 lbs. range .40-.62.

CROSSBRED ROOSTERS: 7-10 lbs. range .30-.42.

GUINEAS: range 1.60-1.80.

GEESE: 9-13 lbs. range .68-.78.

TURKEYS: range 18-20 lbs. 54-.62.

PIGEONS: range .85-1.20 ea.

WHITE PIGEONS: range 2.50-3.00 ea.

RABBITS: 4-6 lbs. range .80-1.10.

RABBITS: 7-10 lbs. range .70-.92.

PEKIN DUCKS: range .92-.98 ea.

BANTY ROOSTERS: range 2.75-3.85 ea.

BANTY HENS. range 1.00-1.60 ea.

GUINEA PIGS. range 1.00-2.85 ea.

GOATS: range 32.00-65.00.

KID GOATS: range 22.00-38.00.

TOTAL COOPS SOLD: 610.

Baltimore Eggs

Wednesday, May 13
Report supplied by USDA

Prices unchanged. Demand generally not aggressive on any size. Supplies fully adequate.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) white.

Large	68-70
Medium	62-64

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Livestock market and auction news

Hay Markets

Regional Hay
Friday, May 11
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw slow and steady.

Alfalfa 90.00-110.00, few to 135.00; Mixed hay 55.00-85.00; Timothy hay 55.00-80.00; Straw 35.00-40.00; Mulch 30.00-35.00.

Green Dragon Hay
Ephrata, Pa.
Friday, May 8
Report supplied by PDA

35 loads hay and 11 loads straw.

Alfalfa, few 96.00-201.00, one at 275.00; Mixed hay 85.00-144.00, one at 166.00; Timothy hay 80.00-110.00; Orchard Grass one at 85.00; Straw 60.00-71.00; Ear Corn 9 loads 128.00-137.00.

New Wilmington Hay
New Wilmington, Pa.
Friday, May 1
Report supplied by PDA

40 loads hay and 6 loads straw.

Alfalfa few 90.00-125.00; Mixed hay 40.00-84.00, with some second cutting to 125.00; Timothy hay 60.00-99.00; Clover one load 55.00; Straw 46.00-61.00; Ear Corn 2 loads 91.00 & 102.00.

Good's Hay
Leola, Pa.
Wednesday, May 13
Report supplied by auction

Alfalfa 130.00-158.00, few at 205.00; Mixed 74.00-124.00; Timothy 70.00-98.00; one Clover 137.00; three Fodder 38.00, 40.00, 44.00; one Bromegrass 70.00; Straw 46.00-75.00 Corn 126.00-135.00.

New Holland Hay
New Holland Sales Stables
Monday, May 11
Report supplied by auction

113 loads.

Alfalfa 63.00-225.00; Timothy 68.00-168.00; Mixed 78.00-156.00; Straw 54.00-69.00; Corn 125.00-135.00.

Keister's Hay
Middleburg, Pa.
Wednesday, May 13
Report supplied by auction

31 loads Hay. Timothy 55.00-99.00; Mixed 60 00-119.00; Alfalfa 115.00-143.00.

3 loads Straw 55.00-59.00.

2 loads Ear Corn 124.00 & 126.00.

Vintage Hay
Vintage Sales Stables
Thursday, May 14
Report supplied by auction

20 loads.

Alfalfa 103.00-142.50; Mixed 80.00-114.00; Straw 61.00; Corn 124.00.

Frederick Co. Hay
Buckeystown, Md.
Thursday, May 14
Report supplied by auction

23 loads.

Alfalfa 86.00-135 00; Timothy & Alfalfa to 101.00; Timothy 71.00; Mixed 73.00-90.00; Mulch 25.00; Ear Corn 124.00; Straw 25.00-57.00

Martinsburg Auction
Martinsburg, Pa.
Monday, May 11
Report supplied by auction

CATTLE 182. Choice slaughter steers 64.50-66.75, Good 62.50-63.75, Standard 58.00-61.50, Utility 48.00-56.50. Choice slaughter heifers 61.00-63.50, Good 57.00-61.50, Standard 52.50-54.50. Utility & Commercial slaughter cows 46.00-54.50, Cutters 43.50-44.50, Canner & Low Cutter 40.50-43.50, Shells down to 35.00. Good slaughter bullocks 58.00-62.50, Standard 52.50-56.50, Utility 44.50-51.50. Yield Grade #1 slaughter bulls 58.50-62.50; yield grade #2 51.50-57.50.

CALVES 262. Choice vealers 90.00-98.00, Good 80.00-88.00, Standard & Good 90-110 lbs. 68.00-80.00, 70-90 lbs. 65.00-68.50, Utility 55-100 lbs. 60.00-63.50. Farm calves, holstein bulls 90-120 lbs. 85.00-108.50; holstein heifers 85-100 lbs. 140.00-200.00.

HOGS 543. US No. 1-2 barrows & gilts 43.80-45.00, No. 1-3 42.50-43.25, No. 2-3 41.00-42.50. US No. 1-3 sows 36.00-41.00, No. 2-3 300-650 lbs. 36.50-39.50. Boars 31.00-36.00.

FEEDER PIGS 93. US No. 1-3 20-35 lbs. feeder pigs 18.00-24.50 per head, No. 1-3 35-50 lbs. 25.00-35.00 per head.

SHEEP 2. Slaughter ewes 23.00-32.00.

GOATS 3. 23.00-41.00 per head.

Pa. Grain
Tuesday, May 11
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn steady to 5 cents higher. Wheat steady to 20 cents lower. Barley & Oats uneven, mostly steady to strong. Ear Corn steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.75-4.00, average 3.90; Wheat No. 2 range 4.00-4.40, average 4.24; Barley No. 3 range 2.50-3.25, average 2.90; Oats No. 2 2.70-2.85, average 2.77; Ear Corn 105.00-120.00, average 112.80.

Central Pa.

Corn No. 2-y range 3.75-4.00, few reported down to 3.65, average 3.85; Wheat No. 2 range 3.90-4.45, average 4.18; Barley No. 3 range 2.50-2.85, average 2.63; Oats No. 2 range 2.40-2.70, average 2.55; Grain Sorghum No. 2 range 3.70, average 3.70; Ear Corn 104.00-110.00, average 107.44.

South Central Pa.

Corn No. 2-y range 3.60-3.75, average 3.69; Wheat No. 2 range 3.80-4.00, average 3.92; Barley No. 3 range 2.70-3.15, average 2.88; Oats No. 2 range 2.40-2.70, few reported 2.95, average 2.59; Ear Corn range 100.00-120.00, average 107.50.

Western Pa.

Corn No. 2-y range 3.45-3.55, few reported 3.75, average 3.55; Wheat No. 2 range 3.95-4.00, average 3.97; Barley No. 3 few reported range 2.40-2.45, average 2.43; Oats No. 2 range 2.25-2.45, few reported 2.00, average 2.28; Ear Corn few reported range 85.00-88.60, average 86.80.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.65-4.00, average 3.85; Wheat No. 2 range 3.90-4.45, average 4.16; Barley No. 3 range 2.50-3.10, average 2.81; Oats No. 2 range 2.40-2.85, average 2.63; Ear Corn range 104.00-120.00, average 109.78.

St. Louis Cattle
Thursday, May 14
Report supplied by USDA

As compared with last week's close, slaughter steers mostly 1.00-1.50 lower, except holstein steers 1.00 higher. Slaughter heifers mostly 1.50 lower. Cows 2.00-4.00 higher. Bulls 1.00-2.00 higher. Slaughter supply mainly Choice and Choice and Prime 2-4 1050-1200 lbs. steers, around 35% heifers and 15% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 65.00-68.00, closing 65.00-66.00; 3-4 1125-1250 lbs. 65.00-65.50 early, few lots late 62.50. Choice 2-4 950-1275 lbs. 64.00-67.50, closing 64.00-65.00; part load 2-3 1000 lbs. early 68.00; part load 970 lbs. late 65.50. Mixed Good and Choice 2-4 900-1200 lbs. 64.00-66.50, not tested late. Good 2-3 900-1175 lbs. 62.00-65.00. Standard to mostly Good 2-3 1075-1550 lbs. holsteins 54.00-58.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 61.50-65.25, few late sales 61.50; few lots 3-4 850-1000 lbs. 58.50-59.00 late. Choice 2-4 800-1050 lbs. 60.50-64.50, few closing sales 60.50-61.50. Mixed Good and Choice 2-3 700-1000 lbs. 61.00-63.00, not tested late. Good 2-3 900-975 lbs. 59.00-62.00.

COWS: Closing week sales: Utility and Commercial 2-4 41.00-44.00. Boning Utility 1-2 44.00-46.00. Cutter 1-2 40.00-43.00. Canner and Low Cutter 1-2 36.00-40.00.

BULLS: Yield Grade 1-2 1050-1900 lbs. 49.00-54.50, closing 50.00-55.00. Individual outstanding yield grade 1 1645 lbs. Charolais 56.75 late.

FEEDERS: (Including around 1,100 at the regular Thursday auction. Feeder steers under 500 lbs. 1.00-3.00 lower; over 500 lbs. steady to 1.00 lower. Feeder heifers mostly 2.00-3.00 lower. Supply mainly Medium Frame 1 400-800 lbs. steers and 400-700 lbs. heifers.

FEEDER STEERS: Medium Frame 1: few lots 230-350 lbs. 71.00-72.50; 400-500 lbs. 67.00-70.50; 500-600 lbs. 66.00-69.50; lot thin 530 lbs. 71.00; 600-700 lbs. 62.00-67.25; 700-900 lbs. 60.75-65.00; few lots fleshy 800-975 lbs. 58.25-61.50. Medium Frame 1-2: 400-700 lbs. 60.00-64.25; Large Frame 1-2 530-910 lbs. holsteins 49.50-55.25.

FEEDER HEIFERS: Medium Frame 1: Few lots 295-375 lbs. 63.00-66.00; 400-500 lbs. 56.00-60.25; 500-600 lbs. 56.00-59.00; lot thin 527 lbs. 61.50; 600-800 lbs. 55.75-58.00. Medium Frame 1-2 500-700 lbs. 51.50-55.00.

New Wilmington Livestock
New Wilmington, Pa.
Monday, May 11
Report supplied by PDA

CATTLE 353. Compared with last Monday's market, slaughter cows 50 cents to $1 higher. Few Choice slaughter steers 62.00-65.50, Good 58.00-62.00, Standard 52.00-58.00, few Utility 47.00-49.25. Few Choice slaughter heifers 60.00-62.75, few Good 55.00-58.75, Standard 49.00-54.50. Utility & Commercial slaughter cows 45.50-48.75, few 50.50, Commercial No. 4-5 42.00-45.00, Cutters 43.00-47.00, Canner & Low Cutter 37.00-43.50, Shells down to 31.75. One Choice slaughter bullock at 60.00, few Good 53.00-57.75. Yield Grade #1 and 2 1000-2095 lbs. slaughter bulls 51.50-55.75. Few Medium & Large Frame #1 425-700 lbs. feeder steers 58.00-66.00, Medium Frame #2 400-750 lbs. 50.00-59.50; Medium & Large Frame #1 300-645 lbs. feeder heifers 48.00-59.50, few to 65.00, Medium & Large Frame #2 44.50-53.00; Medium & Large Frame #1 420-850 lbs. feeder bulls 48.50-60.50.

CALVES 235. Vealers grading Good & Choice steady, Utility & Standard $5 to $10 lower. Choice vealers 98.00-111.00, Good 80.00-97.50, Standard & Good 90-120 lbs. 55.00-74.00, 65-85 lbs. 50.00-57.50, Utility 50-110 lbs. 40.00-50.00. Farm calves, holstein bulls 95-135 lbs. 72.50-88.00; holstein heifers 70-140 lbs. 110.00-162.50.

HOGS 785. Barrows & gilts $1 to $2 higher. US No. 1-2 210-250 lbs. barrows & gilts 45.00-46.00, No. 1-3 200-250 lbs. 43.75-44.90, No. 2-3 205-260 lbs. 39.00-44.00, one lot 198 lbs. at 30.00, No. 2-3 260-355 lbs. 28.00-39.50. Sows mostly $2 lower. US No. 1-3 300-645 lbs. sows 30.00-37.00, few Utility 300-440 lbs. 25.00-30.00. Boars 20.00-30.00, few 36.25.

FEEDER PIGS 45. US No. 1-3 25-35 lbs. feeder pigs 21.00-25.00 per head, few No. 1-3 35-45 lbs. 25.00-26.00 per head.

SHEEP 56. Choice 65-80 lbs. spring slaughter lambs 78.00-87.00; few Good & Choice 90-110 lbs. wooled slaughter lambs 60.00-64.00. Slaughter ewes 15.00-33.00.

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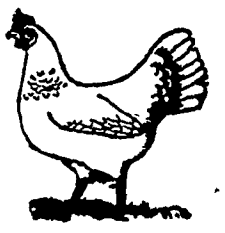

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on Route 23, New Holland, Penna.
WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.

We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

Livestock market and auction news

Central U.S. Carlot

Wednesday, May 13
Report supplied by USDA

Compared to Tuesday's 4:30 report: Choice 3 steer beef mostly 1.00 lower late after being as much as 2.00 lower early, Choice 3 heifer beef steady after being 1.00 lower early. Choice 4 steady to 1.00 higher. Good grade steer and heifer beef steady to 3.00 higher, mostly 1.00-3.00 higher. Demand and trading moderate early, rather light late as most interests taking a wait-and-see attitude and reassessing their position. The boxed beef carcass cutout declined $.34 to an estimated $108.02 per cwt. Sales reported on 100½ loads of steer and heifer beef.

STEER BEEF
72 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 101.00-103.00, late 102-103, 1.00-1.50 lower late.

Choice 4: 600-900 lbs. 93.00-94.00, steady-1.00 higher.

Choice 2-3: 500-900 lbs. 99.00 (Hols.)

Good 2-3: 600-900 lbs. 99.00-102.00, late 100-102, stdy-3.00 hghr, 1.00-3.00 hghr.

FOB Arnarillo Basis

Choice 2-3: 600-700 lbs. YG 3 102.50-106.50; YG 2 104.50-107.50.

HEIFER BEEF
28½ Loads
FOB Omaha Basis

Choice 3: 500-800 lbs. 100.00-102.00, late 101-102 steady.

Choice 3: 400-500 lbs. 96.00; 500-550 lbs. 98.00.

Choice 4: 500-800 lbs. 93.00-94.00, steady-1.00 higher.

Good 2-3: 500-700 lbs. 96.00-100.00, late 98-100, stdy-3.00 hghr, mstly 1.00-3.00 hghr.

Cow beef firm to 2.50 higher, demand moderate, supplies light.

COW BEEF
7 Loads
FOB Omaha Basis

BRKG UTLTY: 450&up lbs. 78.50-79.50 firm 3-4 (West).

BNG UTLTY: 400&up lbs. 81.00 firm. 2-3 (West).

UTLTY BNG: 400&up lbs. 83.00-83.50, 2.00-2.50 higher 2-3 (Midwest).

PRIMAL BEEF CUTS
4½ Loads
FOB Omaha Basis

HINDS (H): 120-170 lbs. 122.00.

HINDS (S): 145-190 lbs. 110.00.

FOB Amarillo Basis

HINDS (S): 130-170 lbs. 123.50-127.50.

LOINS: (TRMD): 40-70 lbs. 181.50.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
60 Loads
FOB Omaha Basis

85% chem lean, fresh 111.00.

50% chem lean, frozen 55.00.

50% chem lean, fresh 53.00-55.00.

Compared to Tuesday's 2:30 report: Fresh pork loins 14-17 lbs. 1.00 higher, 17-20 lbs. 1.00-3.50 higher. Boston butts 4-8 lbs. .50 higher. Fresh hams 14-17 lbs. 1.00 lower, other weights steady. Sdls bellies very uneven, steady-3.00 lower. Trading and demand moderate. Sales reported on 59½ loads plus 6 loads of trimmings & variety meats.

LOINS: 14-17 lbs. 96.00, 1.00 higher; 17-20 lbs. 88.50-89.00, 1.00-3.50 higher; 20&up lbs. 78.75 clear channel.

BOSTON BUTTS: 4-8 lbs. 73.50, .50 higher; 8&up lbs. 69.00.

SPARERIBS: 5&up lbs. 60.50.

SKINNED HAMS: 14-17 lbs. 72.00 T.I.S.; 14-17 lbs. 69.00, 1.00 lower; 17-20 lbs. 65.75-66.25, steady; 17-20 lbs. 67.50 frozen; 17-20 lbs. 67.75-68.00 frzn/chi basis; 20-26 lbs. 65.00 steady.

SDLS, BELLIES: 12-14 lbs. 37.00-41.00, very uneven, steady-3.00 lower; 20-25 lbs. 33.00, 1.00 lower.

BNLC CT BUTT: 1½-3 lbs. 110.50.

VARIETY MEATS

CHEEK MEAT: 83.00 frozen.

SKINNED JOWLS: 35.00 frozen.

PORK TRIMMINGS/ BONELESS PROCESSING PORK
(Chemical Lean)

72% lean trimmings frzn 70.00-71.00.

72% bnls picnics fresh 71.00.

Oklahoma Cattle

Thursday, May 14

Estimated Receipts	3,000
Same Day Last Week	3,555

Actual unloads will fall 2000 head short of early estimate. Moderately active on feeder cattle over 500 lbs. steady to .50 cents higher; active on relative small supply feeder calves under 500 lbs. 2.00 to 3.00 higher. Majority receipts Medium Frame No. 1 and Mixed No. 1-2 500-850 lbs. feeder steers and 450-750 lbs. feeder heifers. Moderate attendance of buyers.

FEEDER STEERS: Medium Frame No. 1 few 349-383 lbs. 76.50-81.25; 400-500 lbs. 73.25-80.75, package 403 lbs. thin 83.25; 500-600 lbs. 63.00-69.75, few thin & gaunt 500-568 lbs. 70.50-76.75; 600-700 lbs. 62.25-64.50, package 612 lbs. 66.25; 700-800 lbs. 61.60-63.60; 800-1042 lbs. 60.90-62.70, package 1042 lbs. 62.70. Large Frame No. 1 package 859 lbs. 59.10. Small Frame No. 1 few 321-440 lbs. 65.25-66.50; 542-661 lbs. 58.05-61.75. Medium & Large Frame No. 1-2 package 372 lbs. 67.75; 594-700 lbs. 60.00-62.40; 700-915 lbs. 60.50-62.70. Large Frame No. 2 part load 616 lbs. 62.60; 742-842 lbs. 56.70-59.50; holsteins package 484 lbs. 61.00; 666-880 lbs. 51.80-53.20.

FEEDER HEIFERS: Medium Frame No. 1 package 277 lbs. 73.50; 356 lbs. 67.50; 400-500 lbs. 60.75-64.75; 500-600 lbs. 56.60-58.75, two part loads thin & gaunt 501-539 lbs. 61.10-63.00; 600-700 lbs. 56.00-59.00; 700-769 lbs. 57.00-60.50; package 822 lbs. 56.40. Large Frame No. 1 few 711-795 lbs. 55.05-59.40. Small Frame No. 1 few 484-508 lbs. 52.90-54.10. Medium & Large Frame No. 1-2 400-500 lbs. 55.50-60.75; 500-600 lbs. 54.75-57.25; 600-705 lbs. 54.00-56.30. Medium Frame No. 2 400-600 lbs. 52.50-54.00.

FOR THE WEEK: Compared to late last week, feeder calves under 500 lbs. in small supply throughout the week & 3.00-4.00 higher; feeder cattle over 500 lbs. recovered most of the early loss to close steady to weak, some sales .50 cents lower; slaughter cows in very good demand & 4.50-5.25 higher; late sales Utility and Commercial 2-3 42.75-47.50; Cutter 1-2 42.00-44.75; slaughter bulls 2.00-3.00 higher, late sales yield grade 1-2 1300-1800 lbs. 54.00-59.50. Salable receipts totaled near 12,000 head compared to 16,181 last week. Majority or fully 90% of the supplies consisted of feeder cattle & calves, cows & bulls comprised 10% of the total receipts.

Eighty-four Auction

Eighty-four, Pa.
Monday, May 11
Report supplied by PDA

CATTLE 207. Compared with last Monday's market; few Good slaughter steers 59.00-60.00, few Standard 54.00-56.75. Few Choice slaughter heifers 60.00-62.50, few Standard 50.00-54.00, few Utility 48.00-48.75. Utility & Commercial slaughter cows 43.25-46.00, one at 48.00, Cutters 40.00-44.00, Canner & Low Cutter 37.00-42.00, Shells down to 25.00. Few Yield Grade #1 900-1600 lbs. slaughter bulls 52.25-56.75. Medium & Large Frame #1 300-500 lbs. feeder steers 60.00-70.00, few 72.00-75.00, few Medium #2 500-750 lbs. 53.00-58.00; Medium & Large Frame #1 300-500 lbs. feeder heifers 55.00-60.25, several 68.00-74.00, Medium #2 500-700 lbs. 50.00-55.00; Medium & Large Frame #1 and #2 350-700 lbs. feeder bulls 52.00-67.00.

CALVES 180. Choice vealers 95.00-112.00, Good 80.00-100.00, Standard & Good (few) 90-120 lbs. 69.00-79.00, 70-90 lbs. 60.00-68.00, Utility 55-135 lbs. 50.00-60.00. Farm calves, holstein bulls 80-120 lbs. 72.00-106.00; holstein heifers 80-120 lbs. 90.00-147.50; beef cross bulls & heifers 75-120 lbs. 75.00-105.00, one at 120.00.

HOGS 135. US No. 1-3 200-250 lbs. barrows & gilts 41.50-43.00, No. 2-3 260-300 lbs. 38.00-41.85, No. 1-3 150-185 lbs. 38.00-40.70, lot 41.75, US No. 1-3 300-560 lbs. sows 32.00-37.00. Boars 20.00-31.25.

FEEDER PIGS 21. US No. 1-3 20-35 lbs. feeder pigs 17.00-20 per head, No. 1-3 50-65 lbs. 30.00-37.50 per head.

SHEEP 75. Choice 30-40 lbs. spring slaughter lambs 80.00-89.00, 50-65 lbs. 77.00-87.00, 65-75 lbs. clipped lambs 69.50-71.00; few Good 55 lbs. wooled slaughter lambs 55.00. Slaughter ewes 15.00-24.00.

New Holland Dairy

New Holland, Pa.
Wednesday, May 13
Report supplied by auction

Reported receipts of 93 cows, 41 heifers, and 5 bulls. Market stronger.

Load of Pa. fresh cows, 770.00-1225.00; Load of Susquehanna Co. fresh cows, 1020.00-1425.00; Load of N.Y. fresh cows, 1175.00-1575.00, springers 1200.00-1450.00.

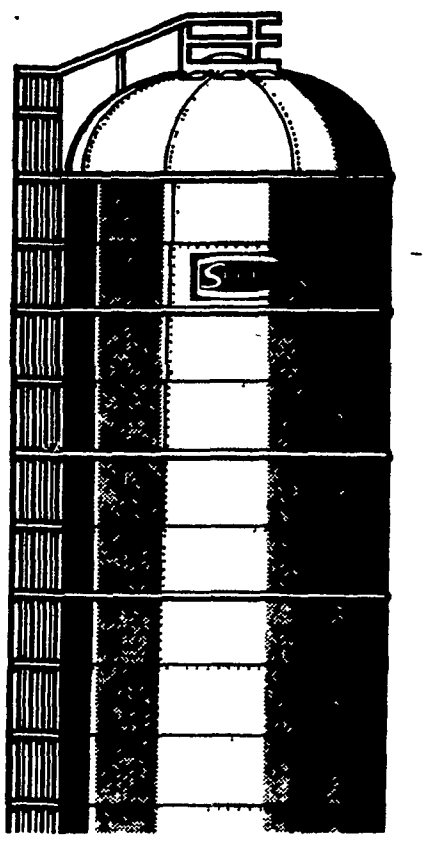
Herd of 34 head, all stages, 430.00-1385.00.

Locally consigned cows 565.00-1240.00; Springing heifers 850.00-1200.00; Open heifers 325.00-660.00; Bulls 475.00-900.00.

MARYLAND GRADED FEEDER PIG SALES
— New Schedule —
2nd Monday Monthly
Denton - 301-479-2656
4th Friday Monthly
Westminster - 301-848-9820
4th Monday Monthly
Denton - 301-479-2656
All Sales Start at 1:30 P.M.
MARYLAND PORK PRODUCERS ASSOCIATION
(Graded Sale Since 1957)

CARL MARTIN YOST
FOR SUPERIOR COURT
See Page A-18

PIGS
STATE GRADED SALE
FRI., MAY 22
1:30 P.M.
AT WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
Phone (301) 848-9820

SEALSTOR
2

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Lebanon, PA 17042
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NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
TELEPHONE (including area code) _____
NO OF BEEF _____ DAIRY _____ HOGS _____

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Bulls, Steers, Slaughter Cows, Lambs and Veal Calves.
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THE OLD FARMER'S ALMANAC

MAY 18-24, 1981

Watch out for celestial kettle drums.

Is your will up to date, or do you have one? Bonnie Parker and Clyde Barrow ambushed by lawmen May 23, 1934 Full moon May 18 (Mon) Average length of days for the week, 14 hours, 49 minutes Mt St Helens erupted 8 39 a m May 18, 1980 Wilbur and Orville Wright patented airplane May 22, 1906 *If you would enjoy the fruit, pluck not the flower*

Ask the Old Farmer: I recently inherited a "Green Bone Cutter" What are green bones? L M, Nashville

Green bones are merely raw ones that have not been cooked or weathered

Home Hints: To keep mildew from forming inside your refrigerator or on the gaskets, wipe it occasionally with pure vinegar

OLD FARMER'S WEATHER FORECASTS

New England: Nor'easter, heavy rain east, moderate west, cool with sun by midweek, then thundershowers.

Greater New York-New Jersey: Cold becoming sunny and warm with rain by weekend

Middle Atlantic Coastal: Week begins cold and wet, turns sunny and warm, then cool and rainy

Piedmont & Southeast Coastal: Cool, some rain at week's start, sunny and warm, weekend turns hot

(All Rights Reserved Yankee, Inc Dublin, N H 03444)

Livestock market and auction news

East Coast Carlot

Wednesday, May 13
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal 1.00 higher. Good & Choice boning veal not enough sales reported to establish trends; inshipped firm compared to Friday's last test. Compared to last week, lamb and spring lamb 5.00 to 6.00 higher. Boneless beef not well tested; however, firm undertone indicated.

VEAL CARCASS
HIDE ON
370 Head

180-240 lbs. 186.00-189.00, 1.00 higher.

BONING TYPE
HIDE ON
Good and Choice

65-75 lbs. 98.00, all limited, trends not established; 55-64 lbs. 96.00; 45-54 lbs. 94.00; 35-44 lbs. 92.00; 34 lbs. down 90.00.

Inshipped: 71-80 lbs. 104.00, all limited, all firm with Friday; 61-70 lbs. 102.00; 51-60 lbs. 100.00; 41-50 lbs. 98.00; 30-40 lbs. 96.00.

LAMB CARCASS
Choice & Prime 3-4
5 Loads

Compared to last week: 55 lbs. down 136.00, 6.00 higher; 55-65 lbs. 136.00, 6.00 higher; 65-75 lbs. 136.00.

SPRING LAMB CARCASS
Choice & Prime 3-4
6 Loads

Compared to last week: 55 lbs. down 138.00, 5.00-6.00 higher, few 135.00.

BONELESS BEEF
4½ Loads
(U.S. and Canadian Origin)

90 pct chem lean fresh 125.00, part load.

85 pct chem lean fresh 111.00-113.00.

BEEF TRIMMINGS
2 Loads

50 pct chem lean fresh 57.00.

CURED AND PROCESSED MEATS
11 Loads

Semi-Boneless Hams: 14-17 lbs. 94.00 weak.

Semi-Boneless Hams: 17-20 lbs. 93.00.

Bonless Hams: 13-17 lbs. 117.00 weak.

No. 1 Sliced Bacon Vacuum Pack 1 lb. pkg. 92.00-93.00, steady-weak.

Franks, 70 Beef, 30 Pork 1 lb. pkg. 82.00-83.00, steady-firm.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, May 9
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 70.00-75.00; Medium 65.00-69.75; Plain 64.00 and down; Good Heavy Steers 65.00-69.25; Medium 60.00-64.75; Plain 59.00 and down; Holstein Steers 43.50-55.00; Good Light Heifer Calves 55.00-60.50; Medium 50.00-54.75; Plain 49.00 and down; Good Heavy Heifers 52.00-57.00; Medium 47.00-51.75; Plain 46.00 and down; Slaughter Cows 43.00-48.75; Utilities 36.00-42.00; Canners & Cutters 35.50 and down; Milk & Stock Cows 627.50 and down; Stock Bulls 40.00-65.00; Slaughter Bulls 40.50-53.50.

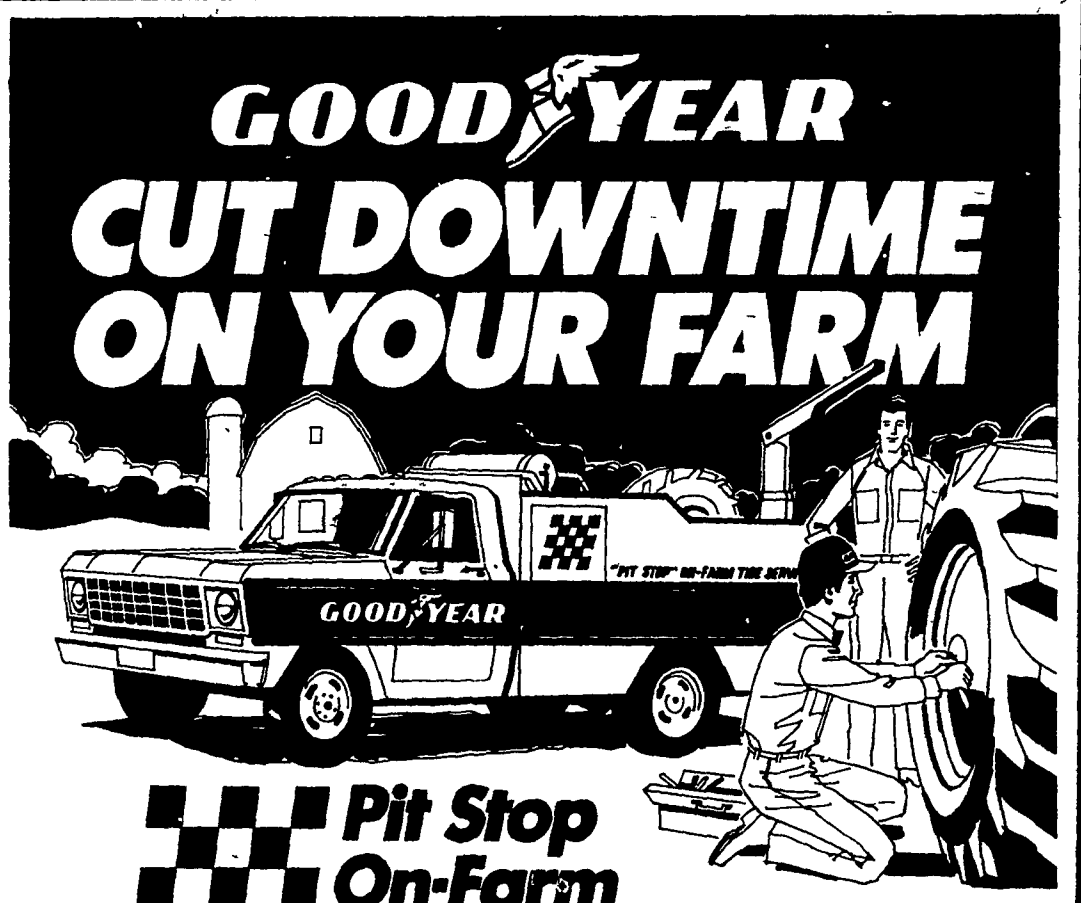
CALVES: Veal Calves 82.00 and down; Baby Calves 125.00 and down.

SHEEP & LAMBS: Spring Lambs Wool Lambs 58.50; Choice Blue O 71.50; Good Red O 66.00; Slaughter Ewes 18.00 and down; Stock Ewes 90.00 and down.

HOGS: Top 40.35; Heavy 33.00; Medium 39.00; Light 30.00; Sows 32.75-41.00; Boars 29.00-31.00.

GOODYEAR

CUT DOWNTIME ON YOUR FARM



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GOODYEAR

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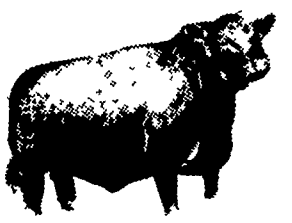
"WHERE FRIENDS MEET"



BERKS COUNTY'S ONLY WEEKLY CATTLE & SWINE AUCTION — WEDNESDAY AT 1 P.M.

FARMER'S MARKET Every Wednesday, 12 NOON TO 9 P.M.

Garden Fresh Fruits & Vegetables - Bakery Fresh Cakes, Pies and Buns - Butcher Fresh Meats & Cheese - Sporting Goods - Clothing - Furniture - Jewelry - Used Items & Collectibles.

PHONE: 215-926-1307 LEROY WEIST & JOHN WEIST, MGRS.

Extra Profit! FOR PORK PRODUCERS!

Custom Processing, Instead of Going To Market, Gives You Extra Profit...Check These Figures:

MARKET VALUE:

400 Lb. Sow (Live Weight) at 35¢ lb. Gives Market Value of..... $140

VALUE THRU PROCESSING:

Processing 400 Lb. Sow (Yields 220 Lbs. Pork Roll)..... $104

Market Value of Sow..... $140

Total Investment..... $244

Cost Per Lb. of Pork Roll (220 Lb. @ $244) Is $1.11 Per Lb. — Resale Value at $1.50 Lb..... $330

Less Total Investment..... $244

Extra Gross Profit..... $ 86

FARMERS! We Can Also Make Hog Dogs, Ring Bologna, Lebanon Bologna, Sweet Bologna, Salami, Minced Bologna and Other Meat Specialties From Your Animals!

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Located 2 Miles North of Myerstown, PA, along Rt. 645
Phone 717-933-4104 Collect
Open Mon thru Fri 7 AM to 5:30 PM.
Sat. 9 to 2

Livestock market and auction news

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, May 12
Report supplied by PDA

CATTLE 213. Few Choice #3-4, slaughter steers 61.85-63.35, few Good 59.00-61.75, Good and Choice holsteins 55.00-59.85, few 61.75; Standard 52.75-56.35, few Utility and Low Standard 48.25-51.75. Individual High Choice slaughter heifers 65.60, Standard, individual's 47.25 & 49.25, few Low Utility 31.75-38.50. Utility and Commercial slaughter cows 45.00-48.25, few 49.25, Cutters 43.00-46.85, Canner and Low Cutters 39.25-43.50, few shells down to 30.00. Few Good slaughter bullocks 53.00-55.50, few Standard 50.00-52.25, few Utility 47.25-48.75. Yield Grade #1, 1220-2120 lbs. slaughter bulls 50.75-56.10, individual 58.10. Large Frame #2, 300-810 lbs. feeder steers 51.00-59, few 61.50-70; few Large Frame #2, 220-515 lbs. feeder heifers 64.00-75, few 570-705 lbs. 54.50-60.50; Few Medium Frame #1, 612-730 lbs. feeder bulls 53.00-60.00.

CALVES 135. Prime vealers, individual's 100.00 & 108.00, few Choice 98.00-107, few Good 88.00-98, Standard and Good 90-120 lbs. 70.00-78, 65-90 lbs. 59.00-68, few Utility 55-110 lbs. 31.00-58. Farm calves active. Hol. Bulls 80-130 lbs. 66.00-106, mostly 80.00-95; Hol. Heifers 80-150 lbs. 120.00-166, few 195; Few Beef cross bulls and heifer 70-150 lbs. 98.00-112.

HOGS 291. US No. 1-2 2-250 lbs. barrows and gilts 42.35-43.10, No. 1-3 205-250 lbs. 41.85-42.75, few No. 2-3 2-215 lbs. 38.00-41.85, few 275-295 lbs. 39.50-42. US No. 1-3 265-490 lbs. sows 33.75-35.75, one 36.75, No. 2-3 260-500 lbs. 30.00-34.50. Boars 29.50-32.00.

FEEDER PIGS 12. Lot US No. 1-3 30 lbs. feeder pigs 42.00 per hundredweight, lot No. 1-3 45 lbs. at 25 Cwt., lot No. 1-3 95 lbs. at 35.50 Cwt.

SHEEP 4. Few Slaughter sheep 21.00-29.

GOATS 9. 24.00-64.00 per head.

Joliet Cattle

Thursday, May 14
Report supplied by USDA

Friday through Wednesday's salable receipts 4,000; 5 days last week 3,179; same period a year ago 3,535. Trading moderately active on Monday slow on Wednesday. Slaughter steers ended the week 1.50 to 2.50, with most sales 2.00 lower than Wednesday of last week. Slaughter heifer ended the week 1.00-1.50 lower. Cows closed the week 2.00-3.00 higher.

SLAUGHTER STEERS: Choice, with few Prime, 2-4 1150-1250# 69.00, load 69.25 Monday; 66.50, load 66.75, load 67.00 Wednesday. Mixed high Choice and Prime 3, few 4, 1150-1300# 67.50-68.00 Monday; 65.50-66.50 Wednesday; 3-4 1200-1350# 66.50-67.50 Monday; 64.50-65.50 Wednesday; 3-4, few 4, 1300-1400# 66.00-66.50 Monday; 63.50-64.50 Wednesday; 4-5 1300-1420# 61.00-62.00 Wednesday, load 4 mostly 5 1500# 59.00 Monday. Choice 2-4 1050-1375# 67.00-58.75 Monday; 65.00-66.50, load 67.00 Wednesday. Mixed Good and Choice 2-3 1000-1300# 66.00-67.00 Monday; 64.00-65.00 Wednesday. Mixed Good and Choice 2 1200-1300# holsteins 58.50-59.00 Monday. Load Good 2 1250# Holsteins 56.00 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 950-1100# 66.50-67.00; 3 loads 67.25 Monday; 65.25-65.50, load 65.75; package 66.00 Wednesday. Choice 2-4 900-1125# 65.50-67.00 Monday; 64.00-65.50 Wednesday. Mixed Good and Choice 2-3 800-1000# 64.00-65.50 Monday; 62.50-64.00 Wednesday.

COWS: Cutter, Utility, few Commercial 1-3 40.00-43.00, few 44.00 Monday; 40.00-44.00, few 45.00-46.00 Wednesday. Cutter & Utility 1-2 43.00-46.00 Thursday.

Middleburg Auction

Middleburg, Pa.
Tuesday, May 12
Report supplied by PDA

CATTLE 308. Compared with last Tuesday's market, slaughter cows 75 cents to $2.75 higher. Choice No. 2-4 1025-1250 lbs. slaughter steers 62.75-67.00, few to 68.75, Good 56.25-62.00, Standard 53.00-56.50, few Utility 48.00-51.50. Few Choice slaughter heifers 58.10-60.00, few Good 54.75-58.50. Utility & Commercial slaughter cows 42.75-47.00, couple to 49.00, Cutters 41.00-45.50, Canner & Low Cutter 37.25-41.25. Shells down to 35.00. Few Choice slaughter bullocks 58.10-62.85, few Good 56.50-57.10. Yield Grade #1 1200-2000 lbs. slaughter bulls 48.50-56.50, one at 58.85. Large Frame #1 and 2 400-650 lbs. feeder steers 56.00-63.00.

CALVES 137. One Prime vealer at 102.00, Choice 90.00-100.00, few Good 75.00-85.00, Standard & Good 75-95 lbs. 70.00-75.00, few Utility 60-80 lbs. 56.00-66.00. Farm calves, few beef cross bulls 103.00-113.00; holstein bulls 85-125 lbs. 75.00-103.00; holstein heifers 90-120 lbs. 110.00-177.50.

HOGS 706. (MONDAY, MAY 11, 1981). Barrows & gilts $1.25 to $1.75 higher. US No. 1-2 210-235 lbs. barrows & gilts 44.75-46.10, No. 1-3 200-250 lbs. 44.00-44.75, No. 2-3 190-270 lbs. 41.75-44.00. US No. 1-3 330-750 lbs. sows 36.00-38.50, No. 2-3 300-565 lbs. 34.00-36.00. Boars 32.00-33.50.

TUESDAY 150. US No. 1-3 210-260 lbs. 42.00-43.00.

FEEDER PIGS 146. US No. 1-3 20-35 lbs. feeder pigs 18.00-28.50 per head, one lot No. 1-3 65 lbs. 36.00 per head.

SHEEP 22. One Choice 50 lbs. spring slaughter lamb at 72.00. Slaughter ewes 19.00-24.00.

Special Horse Sale

New Holland Sales Stables
Friday, May 8
Report supplied by auction

169 head.

Load Tn. work, pairs 1475.00-2700, singles 775.00-1625.00.

Load Pa. driving, 650.00-925.00.

Load Tn. driving, 750.00-1150.00.

Load N.Y. driving, 650.00-1000.00.

Load N.Y. driving, 650.00-1050.00.

Load Ky. driving, 625.00-1525.00.

Load driving, 600.00-1400.00; local work, singles 850.00-1200.00; local mules, singles 675.00-1100.00.

This pig reached 221 lbs. in just 150 days on the Agway swine feeding program. And that's not unusual.

It's no secret that feed is the single biggest cost in producing pork. That's why it pays to make sure your feeding program gets your pigs to market weight in the shortest possible time.

From Agway Squealer Pellets to Agway Pork Finisher, there's a farm-tested Agway feed nutritionally formulated for each stage of a pig's growth. Agway complete swine feeds provide all known nutritional needs, including energy, protein (amino acids), minerals and vitamins.

COMPLETE AGWAY SWINE FEEDS	% Protein	% Fat	% Fiber
Squealer Pellets (MX)	18	4 0	3 0
Pig Starter Pellets (PT-MX)	18	3 5	4 5
Hog Feed (T-20)	14	3 5	5 0
Pork Finisher (T 20) 4	12	3 5	5 0
4 of 8 Agway swine feeds available			

The farm tested Agway swine feed program can help make each of your pigs an ideal pig

And Agway also supplies a complete line of medicated feeds and supplements.

BACKED BY FEED TRIALS ON 1800 PIGS ANNUALLY.

Agway, in conjunction with other cooperatives, runs feed trials on 1800 pigs annually at the Agway Swine Research Farm in Lexington, Ill.

New feed ideas are constantly tested and proven, and the results incorporated into the Agway swine feeding program.

The ideal hog as defined by the American Pork Congress attains a weight of 220 lbs in 150 to 165 days It requires no more than 3 lbs of feed per each pound of gain, and delivers a loin 30 inches long with a loin eye of 5 square inches

In the past, Agway Squealer Pellets and Agway Starter Pellets were developed as the direct result of this program.

YOUR AGWAY SWINE EXPERT CAN TELL YOU MORE.

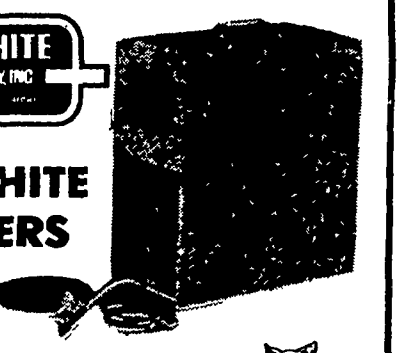
The latest research results and the details on the Agway swine feed program are available from your Agway Enterprise Serviceperson. Contact him through your local Agway.

Working for people who work the land

FARM ENTERPRISE SERVICE AGWAY

L.B.WHITE COMPANY, INC

L.B. WHITE HEATERS



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Off the Sounding Board

By Sheila Miller, Editor

Score one run for farmers

"One run has been batted in during the farmland preservation world series. Scoring the first point in the legislative ball game are the Farmers.

"Most of the fans are on their feet and cheering. But, alas, there is some hesitancy in the enthusiasm which hints at a fear of striking out when the bases are loaded."

With the baseball season upon us, it's hard to get anybody's attention unless they think you're highlighting their favorite team's bout at the plate.

Well, in this case, the favorite team is made up by Pennsylvania farmers. If they hang in and win the 'game', they won't be adding another gold trophy to the shelf — they'll be safeguarding their farms for future generations

The first run came in on Tuesday when the House of Representatives almost unanimously voted in favor of HB 143, providing the authority for local government to establish ag areas

Setting up the big play took a conserted, long-term effort by many key individuals and organizations, who through lobbying efforts and letter writing campaigns, got their message through to legislators from town, city, and country, alike. However, much of the credit must go to the Lancaster County spokesmen who have witnessed first hand just how quickly prime farmland can be turned into prime building lots and industrial parks.

Three of these hard-working, dedicated farmers come to mind in an instant — Lancaster's Representative Noah Wenger, who sponsored the Bill; Amos Funk, conservationist and vegetable farmer who has campaigned to save the prime land for years; and Aaron Stauffer, chairman of the Conservation District who spearheaded the deed restriction program in Ephrata Township where he farms.

It is encouraging to know legislators other than those from southeastern Pennsylvania (evidenced by the 192-1 vote) have heard the farmland preservation message and believe it is the key to our state's agricultural future.

After all the leg work that went before the Bill which finally led to its passage, it would be a blow to the Keystone state's farm family if the legislation were to die in the Senate or on the Governor's desk. But that chance still remains.

Even after the legislation would become law, what would happen if local officials fail to see the importance of preserving farmland. The legislation allows each individual county and township to make its own decision about whether preserving farmland is worth it

If the wrong decision is made, perhaps through misinformation, the only one that's going to lose the ball game is the farmer, especially young farmers of tomorrow. Can today's farmers have the foresight to insure their sons and daughters will have a chance to follow in the farming profession?

It's a hard question, and one that farm owners will have to answer for themselves.

No one is denying the fact that through hard work, sweat and toil, farmers have earned the right for some leisure time after retirement.But will there be piece of mind as that farmer who has given a lifetime to the land watches a bull dozer carve streets through fertile fields he cultivated with TLC?

Perhaps it's true that wounds can be healed with $titches.

Creating a highly productive farm is an art — a masterpiece reflecting the "artist's" talent.

Remember how the world gasped when a misguided person wielded a hammer and smashed Michaelangelo's priceless Pieta, a masterpiece carved out of stone, preserved in a museum. Should there be any less of an outcry for our fertile farmlands?

Losing our farmland, acre by acre, is an unforgivable waste of a precious resource. What's already lost must be forgotten, except as a reminder of what could eventually happen. The fate of what remains is up to us

HB 143 has crossed the plate, the Senate is at bat, and the Governor waits in the dugout. The crowd is waiting for the pitch.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Check Weevil in Alfalfa

We are right into the decision making period for alfalfa weevil control. The question comes up, should I spray or cut it? This depends on the degree of damage and just how far your alfalfa is along. If your stand is getting along in maturity, then it would pay you to cut it early. If you decide to spray, then it should be applied only when 60 to 70 percent of the plants show slight feeding damage at the tips. In most cases, spray application will not be necessary. The economic threshold line is based on a loss of 1/10 ton of alfalfa hay per acre. At $80 per ton of hay, a loss of 1/10 ton equals $8. If the cost of spraying is $7.50-$8.00 per acre, you are at the break even level.

The two major problems with spraying is the physical damage by running the tractor over the growing plants, and secondly, the tolerance time from the time of application until the residue is "off" the plants. Be sure to read the label for the tolerance periods for the different chemicals.

If you would like a copy of the bulletin "An Insect Management Program For Alfalfa" just give us a call or drop us a card at 1383 Arcadia Road, Lancaster, Pa. 17601.

To Be Safe

Farm safety specialists tell us that once every four years the average farm laborer can expect to be injured so severely that medical attention is required. Farm workers are much more susceptible to accident and injury than industrial workers. The problem is, that the farm worker, unlike the industrial counterpart, usually operates with a minimum of supervision and may not be adequately trained for the job.

The accident rate of total recordable work injury or illness cases with days away from work for agricultural workers is 2½ times greater than that of the all-industry averages.

We urge all farmers to develop good safety habits and take time to be safe.

To Use A Starter Solution for Transplants

Gardening is a way of life for farmers and most suburban people. And if you want to give your garden a real boost this spring...then use a fertilizer starter solution when you set out your plants. It's easy to make...just dissolve about 3 tablespoons or so of regular 10-10 -10 fertilizer in a gallon of water. And, as you set out your plants, such as cabbage, tomatoes, or peppers, pour some of the starter solution in the hole...stir the soil... put in the plant...cover the roots with soil...and you've got that plant off to the best start ever.

A starter solution makes plant nutrients available to the young

(Turn to Page A12)

Farm Calendar

Today, May 16

Grafting Demo., 9:30 a.m., Ellis Schmidt farm, Flint Hill Rd., Landenberg

York County Sheep and Wool Producers field day, 9:30 a.m., 4-H Center

Wind Energy seminar, 8:30 a.m., Keller Conference Center, University Park

"Farmer's Spring celebration of sheep shearing and textile hand crafts, 10 a.m. - 5 p.m., Delaware Ag Museum, Dover

Sunday, May 17

York Co. Dairy Princess Tea, 2 p.m., Albert Neufeld farm

Dairy goat management workshop, 9 a.m., Wolf's Crossroads Picnic Grove, between Sunbury and Augustaville

Tuesday, May 19

Ephrata Area Adult Farmers, Senior High Ag Department

York Co. Agri-Women, 10 a.m., home of Mrs. Harold Gross, Manchester

Wednesday, May 20

Ag preservation workshop, 7:30 p.m., Sixth Floor Mtg. Room, Lancaster Courthouse

Friday, May 22

Md. Angus Assn. spring sale, 7 p.m., Frederick County, Md. Fairgrounds, Frederick

Saturday, May 23

Lancaster Forest Fire Crew Highville Country Fair, starts 10 a.m. at Fort Holbrook Fire Base

PA Chicken Cooking contest, Northern Lebanon Area High School, Fredericksburg

Md. Pork Cookout Contest and Sugar Loaf Springs Crafts Festival, Md. State Fairgrounds, Timonium, Md. (cookout 1:30)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

ARE YOU READY FOR SOLID FOOD?
May 17, 1981

Background Scripture:
Hebrews 4:14 through 7:28.
Devotional Reading:
John 14:15-24.

It is difficult for us to think of the youthful Jesus in terms short of perfection. We tend to visualize a fully mature Jesus in the body of a twelve-years old. But that isn't the way it was, if we are believe Luke, for he concludes the incident when Jesus was taken up to the Temple at age 12 with these words: "And Jesus increased in wisdom and in stature, and in favor with God and man." (Luke 2:52).

What that brief sentence means is that Jesus at age 12 was not as wise as he was to be later. He did not understand so fully as a teenager as he did as a man of 33. It means too that at 15, Jesus still had some growing to do; he was not complete, finished or perfected. There was room for growth and Jesus grew, spirtually and personally as well as physically. Thus, in his own life, Jesus embodied the concept that to live is to grow. He was constantly living and growing himself.

Again First Principles

If Jesus himself was not complete when he first stepped on the scene, neither am I. I still have growing to do. I still need to change and adjust in a world that will not hold still. So do you. I can say that, not because I know anything specifically about you, but because I know that we all share the same human nature which stagnates when it is still.

Lots of people assume that growing is something they can give up when they reach a certain age or stage in life. Learning is for children, they reason. Growth is for adolscents. Maturation is for the young adult. Apparently, Jesus didn't realize that he was exempted, for he continued to grow until the day they put him on the cross. Hebrews tells us, "He learned obedience through what he suffered."

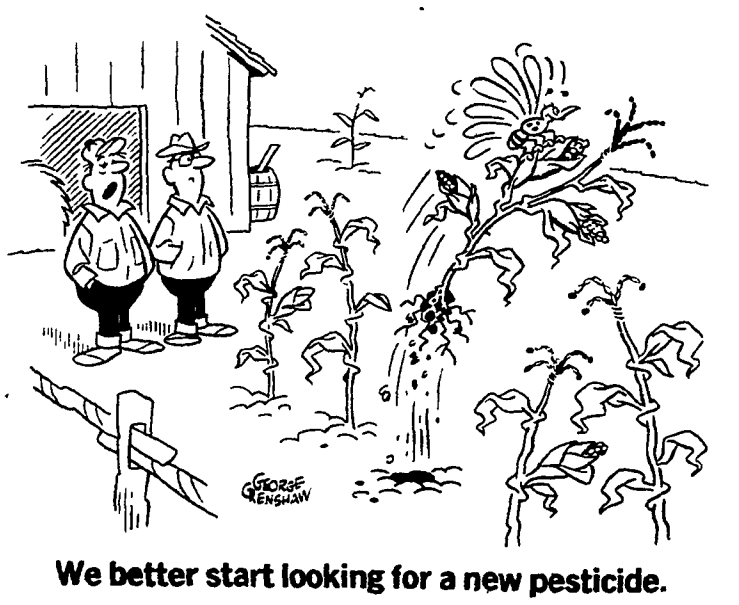
You Need Milk

So the question is: where am I in all of this? Am I growing or am I remaining the same while the world around me does nothing but change? Am I ready for solid food in my spiritual life or must Christ say to me as Hebrews says to his reachers: "You need milk, not solid food...solid food is for the mature..." (5:13).

Take a long look at your own life as a Christian. Is it a life nourished on "solid food", or is is mostly dependent upon the milk diet of an infantile Christian behaviour? Are you ready to make some substantial growth in maturity, or have you assumed that you have reached a point where growth is no longer necessary?

The writer of Hebrews calls us to continue to grow throughout life: "Therefore let us leave the elementary doctrines of Christ and go on to maturity..." (6:1). Many of us have never gotten beyond the elementary level we reached when we joined the church. At the same time, life has become more complex than it was then. Life as a Christian adult requires nothing less than "solid food."

HAY HAWS



We better start looking for a new pesticide.

BIG REBATES

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TRACTORS

3388 2+2 Tractor

Most productive 130 hp* row-crop tractor you can buy

- 2 plus 2—all the versatility of a row-crop tractor plus the productivity of 4-wheel drive.
- International 436 cu. in. turbo diesel engine offers high-torque performance and dependability.
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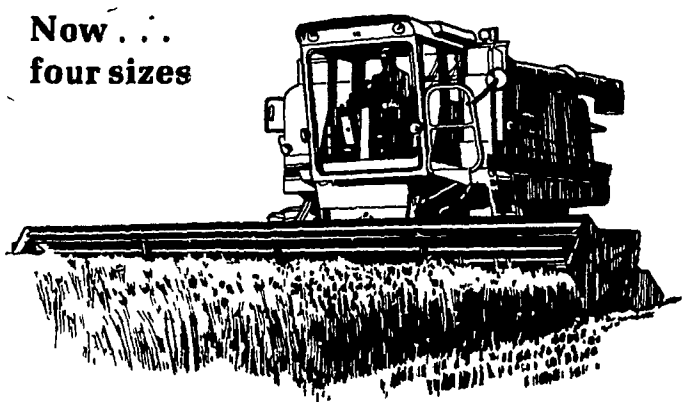


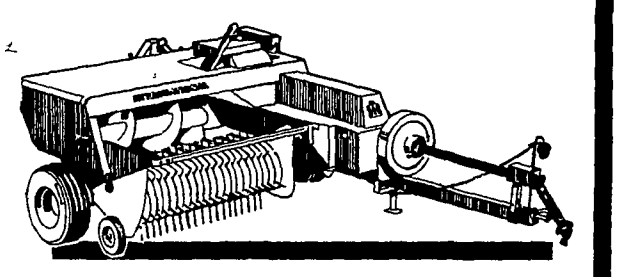
They're the world's most advanced line of combines Because a rotor replaces the conventional cylinder and troublesome straw walkers. Threshing and separating are more thorough . there are fewer cracked kernels and, there is less downtime and fewer repairs

Four models . 10 to 30 foot platforms:

- 1420—112 hp diesel engine and 125 bu grain tank.
- 1440—135 hp diesel engine and 145 bu. grain tank.
- 1460—170 hp diesel engine and 180 bu grain tank.
- 1480—190 hp diesel engine and 208 bu. grain tank.

IMPLEMENTS

BALERS - 425, 435, 445



DEPENDABLE

The 425 is an economy baler with many of the same performance features found on bigger IH balers:

- Up to 15 tons per hour capacity.
- 61-in. 4-bar pickup with 76 teeth sweeps the windrow clean.
- Dependable Deering-type knotters tie strong secure bales.
- Heavy-duty drive train and 2-knuckle PTO. 3-knuckle PTO optional.

TRACTOR MODELS	IH RED* POWER $	CASH REBATES
986, 1086 1486, 1586	4,500 6,000	3,000 4,000
3388 3788 3588	7,500	5,000
4388 4788 4588	10,000	7,000

COMBINES - Or Choice Waiver to 9-1-81		
1440 1470 1460 1480	5,000	3,500

IMPLEMENTS	IH RED* POWER $	CASH REBATES
GRINDER MIXERS	650	450
MANURE SPREADERS	450	300
RAKES & MOWERS & BALERS	200	140
MOWER CONDITIONERS	750	500
FORAGE HARVESTERS	1320	925

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31, 1981.

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ERB & HENRY EQUIP., INC.
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Livestock market and auction news

Western Maryland Livestock

Westminster, Md.
Tuesday, May 5
Report supplied by auction

BUTCHER COWS: $2 under last week. High Yield 46.00-47.50; Standard & Utility 43.00-45.00; Canners 41.00-43.00; Shelly 40.00 Down. Bulls One Good at 54.10; Steers Choice to 64.50; Holsteins Choice 57.00-60.00; Good 54.00-57.00; Heifers Good to 57.00.

BUTCHER HOGS: Good demand $1 higher. US #1&2 215-240 lbs. 41.35-42.00; US 1&3 240-260 lbs. 38.50-40.35; US 1&3 195-240 lbs. 39.85-40.85; 300-375 lbs. to 38.00. SOWS: US 2&3 300-500 lbs. 30.00-34.00; one to 37.25. BOARS One 345 lbs. at 31.25.

VEAL CALVES: Big calves $5 lower. Good & Choice 80.00-95.00; Standard 70.00-80.00; Stocky & Thin 50.00-70.00. Killers 80-100 lbs. 64.00-71.00; Weak & Rough 64.00 Down.

CALVES RETURNED TO FARM: Holstein Heifers few 80-100 lbs. to 100.00; Holstein Bulls Bulk 95-115 lbs. 85.00-95.00; few to 100.00. Beef Type Good demand, 70-110 lbs. 75.00-110.00.

LAMBS: Choice Spring 95-120 lbs. 70.00-73.00; Wooled Good & Choice 55.00-61.00. Few 25-50 lbs. 54.00-72.00; 50-90 lbs. 50.00-65.00; one to 75.00. Sheep Good 25.00-35.00; Thin 15.00-25.00

STOCK CATTLE: Active bidding, higher prices. Steers Choice 300-500 lbs. 70.00-76.00, few to 82.00; Good 64.00-70.00; Choice 500-700 lbs. 65.00-72.00; 3 Hd. 75.00-79.00; Choice 700-900 lbs. 58.00-61.50; Good 52.00-57.00. Heifers Choice 300-500 lbs. 59.00-69.00, few lighter to 75.00; 500-700 lbs. 48.00-59.00. Bulls Choice 300-500 lbs. 64.00-73.00. Choice 500-700 lbs. 60.00-64.00; Good 55.00-60.00.

PIGS AND SHOATS: Mostly steady. By the Head 15-30 lbs. 13.00-26.00; 30-60 lbs. 21.00-32.50; Over 60 lbs. to 34.00. By the Lb. 135-165 lbs. 32.00-38.50.

Peoria Cattle

Thursday, May 14
Report supplied USDA

51 Weekly Cattle Summary: Compared to last week slaughter steers 2.00 to 3.00 lower. Heifers 1.00 to 2.00 lower. Cows 2.00 to 3.00 higher bulls scarce and steady. Trade moderate Monday, slow Wednesday influenced by a lower trending beef and futures market. Slaughter Steers followed the downward price pattern with Choice 2-3 1025-1150 lbs. Steers suitable for commodity orders taking the brunt of the weeks decline. Receipts this week 2800 as compared to 2327 last week and 2957 a year ago.

SLAUGHTER STEERS: Choice, including prime 2-4 1025-1225 lbs. 64.00-69.25. 1/2 Load 69.50 Monday. Closing sales Wednesday mostly 64.50-65.50. YG 3, mostly 4's 1250-1400 lbs. 60.00-62.00. Couple loads 1300-1475 lbs. 65.00-67.00 on Monday. Mixed Good and Choice 2-3 1000-1200 lbs. 62.50-67.00. Bulk late 62.50-64.00. 1200-1350 lbs. Holsteins 54.00-59.50, package 60.00. Good 60.00-62.50.

SLAUGHTER HEIFERS: Choice and Prime 2-4 950-1025 lbs. 64.50-65.00, Package 66.75, Load 67.00. Choice 2-4 900-1050 lbs. 63.00-66.50, Closing 63.00-64.00. 3, mostly 4's 60.00-63.00. Few Packages 4-5's 56.00-58.00 Mixed Good and Choice 2-3 850-1050 lbs. 61.50-65.50. Wednesday 61.50-63.00. Good 57.00-61.50.

COWS: Utility and Commercial 2-3 42.00-46.00. Cutter 39.00-44.00.

BULLS: YG 1-2 1100-1550 lbs. 48.00-54.00. Package Butcher Bulls 58.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, May 4
Report supplied by auction

Reported receipts of 240 calves, 58 cows, 33 bulls, 23 heifers, 16 steers, 82 hogs, 0 lambs, 7 sheep. Cattle market report strong more active, calf report higher.

Holstein Heifer Calves to 185.00; Veal Calves, 75.00-97.50; Bobs, 90 to 110 68.00-105.00; Bobs, 80 and down lbs. 58.00-65.00; Grassers & Feeders 45.00-61.50; Lambs not enough to establish a market; Sheep 15.00-23.50; Hogs, 200-250 lbs. 38.00-43.50; Sows 32.00-37.00; Boars 24.00-28.00; Pigs 15.00-28.00; Heifers 48.00-57.50; Steers medium 53.00-57.50; Steers, feeder 50.00-65.00; Bulls 47.00-55.00; Cows, utility 45.00-47.50; Cows, fat 40.00-44.00; Cows, medium 41.00-42.00; Cows, poor or small 35.00-39.00; Horses small to 360.00; Ponies none; Goats to 49.00.

OUR READERS WRITE, AND OTHER OPINIONS

Dear L.F.

The COLONIAL INVITATIONAL scheduled to be held on Saturday, July 18, 1981 at Bratton Charolais Farm, McVeytown, Pa. is cancelled.

We apologize for the indecision on the sale this year. We did not wish to cancel, but a lack of entries forced us to make this decision.

A limited number of entries originally started our problems, but the interstate health regulations as administered for the state of Pennsylvania by the Bureau of Animal Industry further complicated the situation. Even after an acceptable number of entries for the sale were solicited, a number of those were knocked out because they did not meet the Pennsylvania health regulations for admission to that state. That left us with too few head to hold the sale.

Buzz Garey
Garey Cattle Sales
Morrisville, Pa.

Now Is The Time

(Continued from Page A10)

roots immediately...just the time you do your transplanting.

Or, even better, you might want to buy a special starter fertilizer. These are specially designed complete fertilizers which are high in available phosphors. Be sure to follow the directions on the container.

To Beware of "Bargain" Electric Motors

If you attend a sale or are otherwise confronted with the opportunity to purchase electric motors at bargain prices, make sure you buy something you can use. Often a motor is purchased and the buyer finds he cannot use it

Most farms have only single phase electric power. Many times three phase motors are offered for sale at very low prices and farmers have purchased them, unaware that they could not be used.

Before completing such a purchase it is wise to read the name plate. This will tell you whether the motor is single or three phase, the horsepower, shaft speed, voltage, and amperage. If it is a single phase motor, be sure that its horsepower does not exceed that allowable at your farm. Your power supplier will be able to provide this information.

700 SERIES Bobcat

741-Air Cooled Diesel
742-Liquid Cooled Gas
743-Liquid Cooled Diesel

Heavy Duty, 1300 lb. Operating Capacity

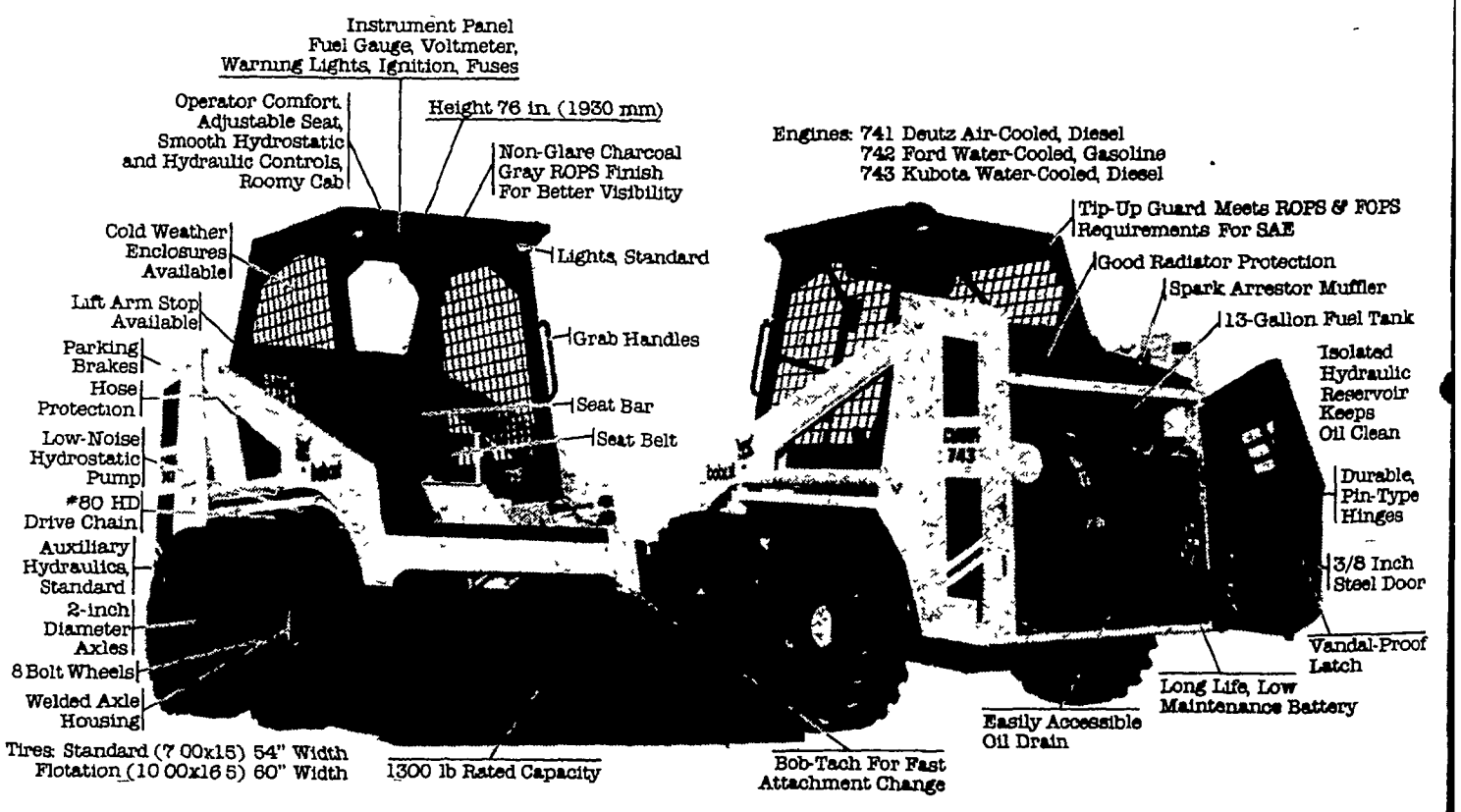
COMPARE THE FEATURES:

☑ **PERFORMANCE**
1300 lb capacity with dump reach up to 36" When you work a Bobcat, you'll feel the power at the wheels for manuverability and stability throughout full load cycles

☑ **DURABILITY**
Compare operating weight to load capacity, compare drive chain size axle thickness steel, welding protection for hoses, engines radiators and the superior Bob Tach system for attachments Inside and out Bobcats feature fine tuned engineering

☑ **SERVICABILITY**
Tip up rollover protection structure for easier accessability to hydrostatic components & steering linkage 3/8" steel rear door on pin hinges makes routine maintenance a snap, bigger batteries and starters, dual element air cleaners

☑ **SAFETY**
Seat bar for additional operator safety, convenience and comfort Rugged rollover protective structure construction, pedal locks, dual headlights, rear road and work lights, spark arrestor muffler



☑ **PRICE**

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Livestock market and auction news

Dewart Auction

Dewart, Pa.
Monday, May 11
Report supplied by PDA

CATTLE 196. Compared with last Monday's market, slaughter cows steady to $1 lower. Few Choice No. 2-4 1020-1220 lbs. slaughter steers 64.75-67.25, few Good 55.00-60.00, few Standard 48.00-56.50. Couple Choice slaughter heifers 60.00 and 60.50, few Good 52.00-56.75. Utility & Commercial slaughter cows 41.00-45.75, couple to 46.75, Cutters 40.00-43.85, Canner & Low Cutter 37.75-40.75, Shells down to 35.00. Few Good & Choice slaughter bullocks 55.00-59.75. Yield Grade #1 1120-1750 lbs. slaughter bulls 52.60-57.75, few 880-990 lbs. 43.50-47.00. Few Large Frame #1 400-450 lbs. feeder steers 67.00-77.50; few Large Frame #1 450-625 lbs. feeder heifers 53.00-57.00, one lot small frame #2 200-350 lbs. 56.50.

CALVES 157. Few Prime vealers 102.00-111.00, few Choice 90.00-100.00, Good 76.00-96.00, Standard & Good 70-95 lbs. 69.00-75.00. Farm calves, holstein bulls 85-125 lbs. 75.00-106.00, mostly 80.00-100.00; few holstein heifers 90-130 lbs. 125.00-150.00.

HOGS 456. Barrows & gilts $1.25 to $1.75 higher. US No. 1-2 200-230 lbs. barrows & gilts 44.30-45.30, few to 46.00, No. 1-3 200-250 lbs. 43.00-44.20, No. 1-3 190-198 lbs. 40.50-41.60. US No. 1-3 300-575 lbs. sows 35.00-38.00, few No. 2-3 450-550 lbs. 33.00-35.00. Boars 30.00-36.00.

FEEDER PIGS 231. US No. 1-3 20-40 lbs. feeder pigs 19.50-31.00 per head, No. 1-3 60-70 lbs. 35.50-36.00 per head.

SHEEP 29. Few Choice 60-90 lbs. spring slaughter lambs 65.00-78.00. Slaughter ewes 17.00-30.00.

Omaha Cattle

Thursday, May 14
Report supplied by USDA

Through midweek Slaughter Steers 2.50 lower; Heifers 1.50-2.00 lower. Cows 3.00-3.50 higher. Bulls 1.00-2.00 higher.

Four day receipts 13,550, last week 12,275, year ago 15,150.

A liberal Tuesday run coupled with a declining beef trade to precipitate one of the widest weekly downturns in recent sessions. Demand by some interests only moderate: due partially to the influences of a sluggish boxed beef trade and a slaughter rate which, through midweek, was standing 5 pct larger than a week ago. Best interest again centered on cattle producing yield grade 2-3 carcasses; while offerings displaying yield grade 4-5 characteristics were, at times, sharly discounted.

Steers made up 50 pct of week's receipts; Heifers 28 pct; Cows 7 pct; Feeders 12 pct.

STEERS: Early in week, load Choice and Prime 3 1225 lbs. 69.25. At midweek, two loads Choice some Prime mostly 3 1175-1235 lbs. 67.00-67 25. Choice 2-4 1050-1325 lbs. 65.50-66.50. Choice, some Prime 3-4 1200-1400 lbs. 63.00-65.00. Mixed Good and Choice 2-3 1000-1250 lbs. 65.00-66.00. few Good 64.00-65.00.

HEIFERS: Two loads Choice, few Prime 950-1050 lbs. 65.25-65.50. Choice 2-4 900-1100 lbs. 64.50-65.00. Mixed Good and Choice 2-3 900-1050 lbs. 63.00-64.50. Good 61.00-63.00.

Average of LS-214 detailed quotations for Choice 900-1100 lb. Steers 66.55; 1100-1300 lbs. 66.78. Average cost Steers this week 66.41, average weight 1185 lbs. as compared 67.23 and 1181 lbs. a week ago. Average cost Heifers this week 65.18, average weight 1016 lbs., as compared 65.21 and 1015 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 43.00-45 00, some high dressing 45 50-46.00 Canner and Cutter 40.00-43.00.

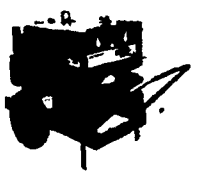
BULLS Few 1-2 1200-1800 lbs. 52.00-54.00, individual 1 59.00.

New Holland Horse

Monday, May 11
New Holland Sales Stables
Report supplied by auction

Reported receipts of 281 head of horses, mules, and ponies. Market: riding, stronger; killer, steady.

Better horses 550.00-1035.00; few registered 1060.00-1350.00; Driving horses 375.00-1325.00; Riding horses 375.00-500.00; Lightweight killers 350.00-500.00; Heavyweight killers 550.00-775.00; Mares 40.00-110.00; Colts 15.00-40.00; Geldings 40.00-110.00; Larger ponies 125.00-225.00.



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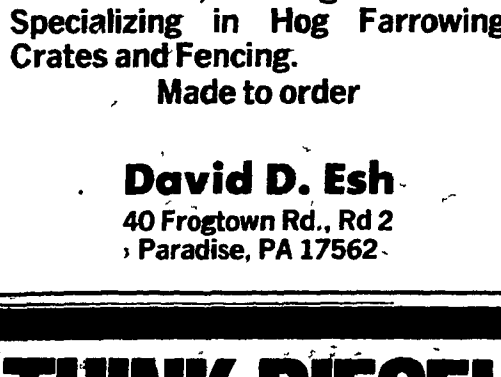

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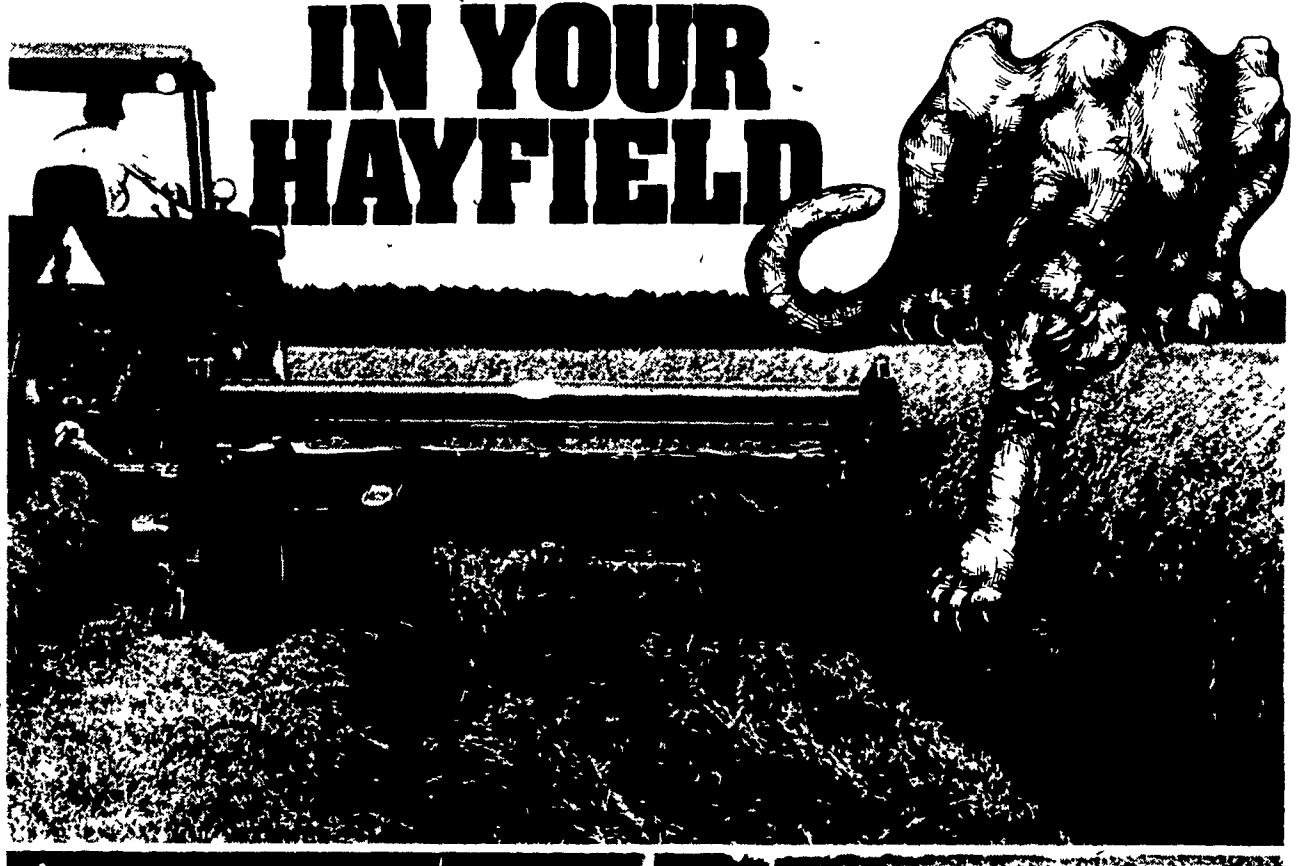

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717-243-3062

RICH DEWANE
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814-848-7289

Livestock market and auction news

Western Maryland Livestock

Westminster, Md.
Tuesday, May 12
Report supplied by auction

BUTCHER COWS: $2. Over last week. High Yield 48.00-49.50; Standard & Utility 45.00-48.00; Canners 43.00-45.00; Shelly 43.00 Down. Bulls Standard & Utility 46.00-52.00; No Good Bulls Offered. Steers Choice 2-4 63.00-66.25; Holsteins 55.00-57.50; Good 52.00-55.00; Heifers Choice 3-4 800-1000 lbs. 53.00-56.00.

BUTCHER HOGS: Good run, 50 cents to 75 cents higher! US #1&2 215-240 lbs. 42.25-42.60; US 1&3 215-260 lbs. 40.35-42.10; 170-195 lbs. 38.75-40.00. Sows Higher! US 1-3 350-600 lbs. 37.00-39.10; US 2-3 350-750 lbs. 32.00-36.00.

VEAL CALVES: Good run, prices steady. Good & Choice 85.00-96.00; Standard & Good 75.00-88.00; Killers 80-100 lbs. 65.00-72.00; Weak & Rough 65.00 Down.

CALVES RETURNED TO FARM: Good demand. Holstein Heifers few 95-105 lbs. 155.00-160.00; Holstein Bulls Bulk 95-115 lbs. 85.00-100.00. Beef Type 75-100 lbs. 80.00-101.00.

SPRING LAMBS: Few Choice 105-110 lbs. 65.00; Yearlings 40.00-45.00; Sheep 20.00-30.00.

STOCK CATTLE: Large run, $2 lower. Steers 300-500 lbs. Choice 70.00-74.00; Good 62.00-70.00; Med. 55.00-62.00; 500-700 lbs. Choice 65.00-69.00; Good 60.00-65.00; 700-900 lbs. Good 55.00-58.00. Heifers 300-500 lbs. Choice 56.00-60.00; Good 50.00-56.00; 500-700 lbs. Good 47.00-53.00. Bulls Few Good 300-500 lbs. 55.00-65.00.

PIGS AND SHOATS: Good demand. By the Head 15-30 lbs. 18.00-23.00; 30-50 lbs. 23.00-27.00; 50-70 lbs. 25.00-36.00. By the Lb. 100-170 lbs. 33.00-37.50; St. Boars 200-250 lbs. 28.75-31.50.

Belleville Auction

Wednesday, May 13
Report supplied by PDA

CATTLE 94. Compared with last week's market, slaughter cows strong to $1 higher. Few Standard slaughter steers 48.50-56.10. Utility and Commercial slaughter cows 44.00-47, few 48.85, few Cutters 42.50-45.60, few Canner and Low Cutters 36.00-40.85, Shells down to 34.00. Few Yield Grade #1, 790-1360 lbs. slaughter bulls 45.00-48.75, few 1300-1600 lbs. 53.10-57.00.

CALVES 136. Few Choice vealers 80.00-85, few Good 74.00-83, Standard and Good 70-95 lbs. 62.00-70, few Utility 50-85 lbs. 40.00-50. Farm Calves: Hol. Bulls 85-125 lbs. 75.00-101; Hol. Heifers 75-155 lbs. 85.00-165.00.

HOGS 280. Barrows and gilts $1.75-$2.50 higher. US No. 1-2 2-240 lbs. barrows and gilts 43.50-44.35, No. 1-3 195-255 lbs. 41.50-43.50, few lots No. 2-3 260-270 lbs. 37.35-39.85. US No. 1-3 350-575 lbs. sows 32.75-38.00, few No. 2-3 550-600 lbs. 27.00-30.00. Boars 26.75-30.00.

FEEDER PIGS 196. US No. 1-3 15-20 lbs. feeder pigs 15.00-19 per head, No. 1-3 20-35 lbs. 17.00-29, No. 1-3 40-60 lbs. 30.50-37.00 per head.

SHEEP 32. Choice 40-90 lbs. spring slaughter lambs 70.00-90, individual 94.00, few Good 60-70 lbs. 59.00-73. Slaughter ewes 15.00-24.00. HOLSTEIN DAIRY COWS $750-$1390 PER HEAD.

Leesport Livestock

Wednesday, May 13
Report supplied by PDA

CATTLE 316. Compared with last week's market, slaughter steers unevenly steady. Slaughter cows $2-$3 higher. Few Choice 1000-1300 lbs. slaughter steers 64.25-66.50; Good and Choice holsteins 1300-1430 lbs. 55.00-59.85, Good 56.50-67, mostly 58.00-63.75, Standard 54.00-58.00, few Utility and Low Standard 51.00-53.60. Few Good slaughter heifers 49.50-55.50. Utility and Commercial slaughter cows 45.00-47.25, few 49.25, Cutters 44.00-46.25, few 49.00, Canner and Low Cutters 42.50-44, Shells down to 39.00. Good slaughter bullocks 57.75-64.25, few Standard 54.00-58.75. Yield Grade #1, 1050-1965 lbs. slaughter bulls 57.75-60.50, few 64.50, few #2, 900-1000 lbs. 47.50-55.50. Few Medium Frame #1, 330-540 lbs. feeder steers 66.00-77, lot Large #1, 755 lbs. 65.10, Large #2, 400-600 lbs. 57.50-62.00. Few Large Frame #1, 480-525 lbs. feeder heifers 54.00-55.50, few Large #2, 275-500 lbs. 60.00-62.00. Few Medium Frame #1, 330-700 lbs. feeder bulls 50.00-59, few Large #1, 400-450 lbs. 72.00-76, few Large #2, 400-650 lbs. 42.00-47.00.

CALVES 117. Choice vealers 104.00-115, Good 85.00-102.50, few Standard and Low Good 115-130 lbs. 79.00-88, few 70-100 lbs. 65.00-69.50. Farm Calves active. Hol. Bulls 90-140 lbs. 90.00-102, few down to 73.00; Hol. Heifers 90-135 lbs. 100.00-180, mostly 140.00-162.50; Few Beef Cross Bulls and Heifers 70-145 lbs. 107.50-137.00.

HOGS 273. Barrows and gilts $1.25-$1.50 higher. US No. 1-2 2-245 lbs. barrows and gilts 44.50-44.75, No. 1-3 2-250 lbs. 43.50-44.60, No. 2-3 245-270 lbs. 42.00-43.25. US No. 1-3 300-600 lbs. 36.00-38, one at 41.75. Boars 31.00-34.75.

FEEDER PIGS 139. US No. 1-3 20-55 lbs. feeder pigs 59.00-90.00 per hundredweight, No. 1-3 90-140 lbs. 40.00-49.50.

SHEEP 78. Choice 20-35 lbs. spring slaughter lambs 100.00-117.50, 45-80 lbs. 74.00-84, lot to 91.00. Slaughter sheep 16.00-30.00.

GOATS 22. Few Adults 25.00-43.00 per head, one at 63.00; Kids 25.00-31.00 per head.

G&M Livestock

Monday, May 11
Report supplied by auction

Compared to last week, market report steers-steady, hogs-higher, cows-lower.

STEERS: High Choice and Prime 64.00-66.90; Good to Choice 60.00-64.00; Standard to Good 54.00-60.00.

HEIFERS: High Choice and Prime 61.00-63.10; Good to Choice 54.00-60.05; Standard 46.00-54.00.

FEEDERSTEERS: Good to Choice Holsteins 50.00-60.00; Beef Type 60.00-70.00.

BULLS: Bullocks 61.25-65.50; 1400-1950 lbs. 52.00-60.00; 900-1200 lbs. 48.00-54.00.

COWS: High Choice to Prime 46.00-49.50; few to 51.50; Good 44.00-46.00; Utility 42.00-44.00; Cutters 40.00-42.00; Canners Down to 35.00.

CALVES: High Choice 90.00-99.00; Good to Choice 75.00-90.00; Standard to Good 60.00-75.00; Utility Down to 45.00.

FARM CALVES: Hol. Bulls 85.00-103.00; Hol. Heifers 145.00-189.00.

FEEDER PIGS: 20-35 lbs. 18.00-25.00; 35-50 lbs. 25.00-35.00.

HOGS: 200-240 lbs. 42.00-44.35; 170-300 lbs. 39.00-42.00.

SOWS: 33.00-38.50.

BOARS: 30.00-33.00.

SHEEP: Lambs 50.00-60.00; Light 60.00-95.00.

Carlisle Auction

Carlisle, Pa.
Wednesday, May 13
Report supplied by auction

CATTLE: STEERS: Choice 60.00-65.00; Good 52.50-55.00; Standard 49.00-54.00. HEIFERS: Good 55.00-56.25. COWS: Utility & Commercial 44.75-47.75; Cutter 41.50-44.50; Canner & Low Cutter 39.00-42.00. SHELLS down to 37.50. BULLOCKS: Good 54.00-57.50; Standard 51.50.

FEEDER STEERS: 56.00-68.00. CATTLE HEIFERS: 47.50-59.00. BULLS: 47.00-63.50.

CALVES: VEALERS: Choice 75.00-94.00; Good 60.00-80.00; Standard & Good 55.00-75.00.

FARM CALVES: Hol. Bulls 75.00-96.00; Hol. Heifers 160.00-200.00.

HOGS: Barrows & Gilts US No. 1-2 42.25-43.35; US No. 1-3 39.00-42.00; US No. 2-3 35.00-39.50. SOWS: US No. 1-3 36.50-40.00; Boars 29.50-32.75.

FEEDER PIGS: US No. 1-3 18.00-26.00; No. 1-3 28.00-34.00.

SHEEP: LAMBS: Good 68.00-86.00.

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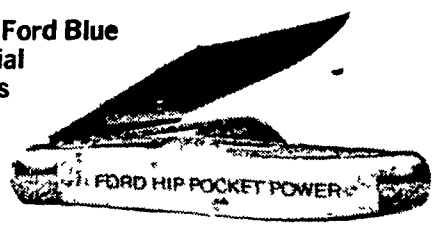

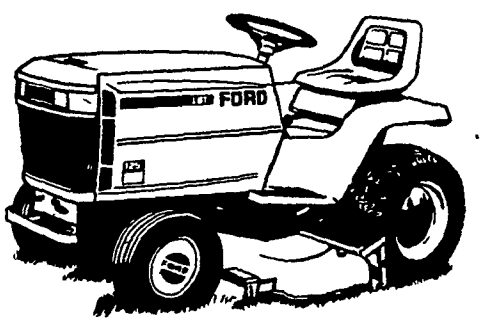

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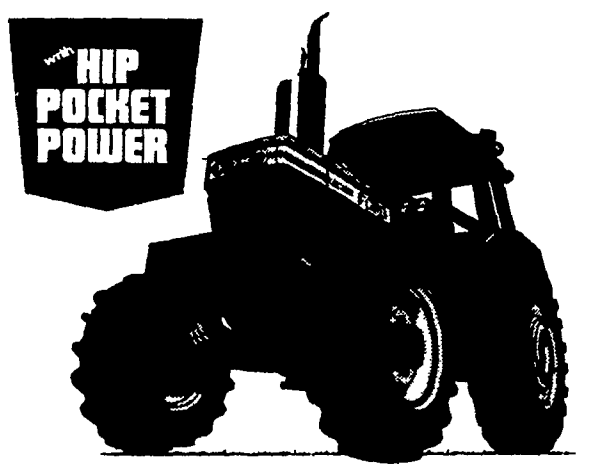

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Livestock market and auction news

Belknap Auction

Wednesday, May 13
Report supplied by PDA

CATTLE 90. Couple Choice slaughter steers 56.00-58.75, few Standard 49.00-54.00. One Choice slaughter heifer at 56.00, one Good at 1.50, few Standard 41.00-50.50. Few Utility & Commercial slaughter cows 46.75-51.75, one at 59.00, Cutters 43.75-48.00, Canner & Low Cutter 38.00-43.75, Shells down to 33.50. One Standard slaughter bullock at 53.75. Few Yield Grade #1 1030-2475 lbs. slaughter bulls 53.25-58.50; one yield grade #2 1695 lbs. 48.50. Medium Frame #1 310-640 lbs. feeder steers 55.00-67.00, few Large Frame #2 350-740 lbs. 43.50-48.00; Medium Frame #1 320-520 lbs. feeder heifers 50.00-56.50, 535-725 lbs. 43.00-54.50.

CALVES 83. Few Choice vealers 90.00-100.00, Good 77.00-88.00, few Standard 62.00-70.00, Standard & Good 90-120 lbs. 59.00-72.50, 65-85 lbs. 50.00-60.00. Farm calves, holstein bulls 70-90 lbs. 65.00-80.00, 90-130 lbs. 80.00-124.00; few holstein heifers 70-90 lbs. 87.00-110.00.

HOGS 285. US No. 1-2 210-240 lbs. barrows & gilts 45.30-46.30, No. 1-3 195-255 lbs. 44.00-45.40, No. 2-3 205-265 lbs. 42.00-44.30, No. 1-3 145-185 lbs. 35.00-40.00. US No. 1-3 270-535 lbs. sows 35.00-39.25. Boars 21.50-31.25.

FEEDER PIGS 119. US No. 10-20 lbs. feeder pigs 14.00-20.50 per head, No. 1-3 20-35 lbs. 16.00-25.00, No. 1-3 35-50 lbs. 24.50-27.50, lot No. 1-3 85 lbs. 44.00 per head.

SHEEP 24. Choice 80-90 lbs. spring slaughter lambs 60.00-54.75. Slaughter ewes 5.00-22.50.

Chambersburg Auction

Thursday, May 14
Report supplied by PDA

CATTLE: 343. Compared with last week's market: Slaughter steers steady to strong; Sl. cows 2.00-3.00 higher; Sl. bulls 5.00 higher. Sl. steers: few Choice No. 2-4, 1050-1350 lbs. 62.50-65.10, 57.50-60.50; Standard 53.00-58.00. Sl. heifers: few Choice 58.50-61.00; (few) Good 55.00-59.00. Sl. cows: Utility & Commercial 45.00-49.00; Cutters 43.50-47.50; Canner & L. Cutter 40.50-44.50. Sl. bullocks: (few) Standard 54.85-56.00. Sl. bulls: Yield Grade No. 1, 925-1940 lbs. 53.50-62.10.

FEEDER CATTLE: Steers, Large Frame No. 2, 500-800 lbs. 55.00-64.50. Heifers, (few) Medium Frame No. 1, 300-600 lbs. 49.00-57.00.

CALVES: 350. Vealers grading Choice steady, Standard & low Good 3.00-9.00 higher. Choice 85 00-102.00; Good 76.00-86.00; 70-95 lbs. 67.00-78.00.

FARM CALVES: Hol. Bulls 85-130 lbs. 79.00-112.00; Hol. Heifers 85-170 lbs. 97.00-195.00.

HOGS: 81. Barrows and gilts steady to strong. US No. 1-2 210-240 lbs. 43.00-43.35 lot No. 1-3 235 lbs. at 40.75; few lots No. 1-3 160-180 lbs. 35.50-36.50. US No. 1-3 300-525 lbs. 33.00-36.00. (few) Boars 32.00-32.25.

FEEDER PIGS 18. few lots US No. 1-3 45-55 lbs. 25.00-31.00.

SHEEP: 15. (few) Choice 80-85 lbs. 67.50-69.50. Sl. ewes: 27.

Red Polls move office

LOUISVILLE, Ky. — On May 22, 1981 the Office of Secretary-Treasurer, AMERICAN RED POLL ASSOCIATION moved to the following address: American Red Poll Association, P.O. Box 35519, Louisville, KY 40232.

The new office is located ¼ mile West from Executive Inn West, on Phillips Lane.

Lancaster Weekly

(Continued from Page A12)

1-3 closed the week at 47.00-49.35, few 50.00-51.75, 5 head 52.75-55.25, Cutter 1-2 44.00-49.00, few 49.00-51.25, Canner and low Cutter 41.00-45.50.

BULLOCKS: Choice 1050-1350 lbs. 55.75-59.75, few 60.00-63.00; Good 1000-1250 lbs. 52.00-56.50.

BULLS: Yield Grade 1 1300-2000 lbs. 56.00-59.76, few 60.00-62.75; Yield Grade 2 1000-1450 lbs. 50.50-56.00.

VEAL CALVES: Vealers generally steady during week, although closing sales Prime 10.00-15.00 higher, Choice firm to 5.00 higher, high Good and low Choice 7.00-10.00 higher. Demand good for calves returned to farm.

VEALERS: Prime 225-325 lbs. 118.00-129.00, few 130.00-133.00; Choice 140-290 lbs. 100.00-115.00, few 115.00-119.00; high Good and low Choice 130-250 lbs. 75.00-98.00, 90-115 lbs. 58.00-75.00, 55-85 lbs. 54.00-68.00.

RETURNED TO FARM: Bulk 85-120 lb. holstein heifers 98.00-140.00, around 60 head 163.00-178.00; bulk 85-115 lb. holstein bulls 75.00-100.00.

WHEN IT COMES TO..... FIRE .....DON'T PLAY AROUND!

BIG REBATES

Effective May 11 to July 31, 1981...

TRACTOR MODELS	IH RED* POWER $	CASH REBATES
986 1086 1486 1586	4 500 6 000	3 000 4 000
3388 3788 3588	7 500	5 000
4388 4788 4588	10 000	7 000

COMBINES Or Choice Waiver to 9-1 81		
1440 1460 1480	5 000	3 500

IMPLEMENTS	IH RED* POWER $	CASH REBATES
GRINDER MIXERS	650	450
MANURE SPREADERS	450	300
RAKES & MOWERS & BALERS	200	140
MOWER CONDITIONERS	750	500
FORAGE HARVESTERS	1320	925

TRACTOR SPECIALS...

IH 1086 Diesel, Cab & Air, 24 5x32 10-Ply Tires, Fully Equipped With SOLD & Rear Weights, Rental Unit, 416 Hours, Current List $42,750 . SALE $26,470

IH 1086 Diesel, Cab & Air, 24 5x32 Radials, Fully Equipped With Front & Rear Weights, Current List $43,383 84 SALE ~~$32,500~~

• With $3,000 Rebate...Your Cost..... $29,500!

IH 186 Diesel Hydro, Cab & Air, 18 4x38 Radials, Fully Equipped With Front & Rear Weights, List $40,937 SALE $31,750

86 Diesel Hydro, With ROPS, 2nd Valve, Current List $24,687 SALE $19,900

SPECIAL... Preferred Customer Rebate on 1420 Combine $7,000 Call For Details

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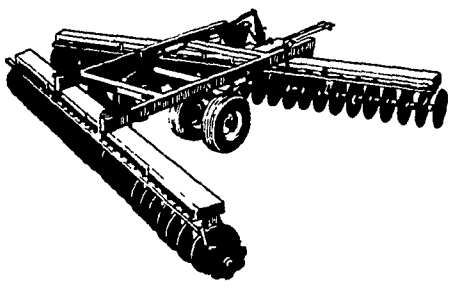
• 3788 Diesel 2+2
• 986 Diesel • 584, 684 Tractors

* IH Red Power $ Certificates may be redeemed by the customer only at the selling IH Dealer on the purchase of additional new IH equipment or parts by December 31, 1981.

TILLAGE:
735 Vari-Width Plow, 5 & 6 Bottom
730 Vari-Width Plow, 4 & 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto. Reset
420 2-ESOLD Plow
596 Disc Harrow, 22'5" (13,500 lbs.)
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
415 Packer Mulcher, 20' Folding
415 Packer Mulcher, 13',12' & 10'
6013 13' Consertill
5513 13' 3 Pt. Chisel (1 left)
No. 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult., 12' to 21' Folding



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Faster, earlier planting... early rising crops.

PLANTING EQUIPMENT:
5100 Grain Drill, 24x6 with Ga. Wheels
800 Early Riser Planters, 4-Row Plate & Air
183 4-Row Wide Vibra Shank Cultivator
183 6-Row Narrow Vibra Shank Cultivator

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300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd. Brakes - $3525!

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35 Hyd. Rake - Old Price!
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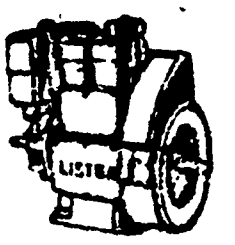

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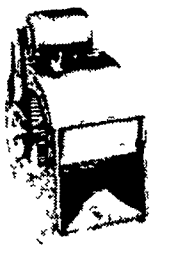

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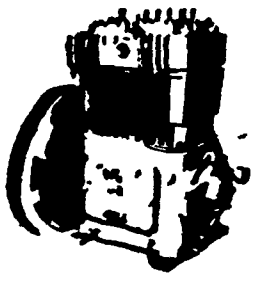

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Livestock market and auction news

Weekly Summary

Friday, May 15
Report supplied by PDA

CATTLE: 7289. Compared with 6396 head last week, and 6873 head a year ago. Compared with last weeks market: Slaughter steers steady to 1.00 lower; Sl. heifers mostly steady; Sl. cows mostly 1.00-2.00 higher; Sl. bullocks & bulls strong to 1.00 higher, spots to 2.00 higher; Sl. steers: High Choice & Prime No. 3-4 65.75-68.25; Choice No. 2-4, 63.00-67.25, Good 58.00-62.50; Standard 52.00-58.00. Sl. heifers; Choice 58.00-63.50; Good 54.75-59.00; few Standard 50.00-54.50. Sl. cows: Utility & Commercial 44.00-49.75, few 50.50, Cutters 43.00-47.50 few 49.00; Canner & L Cutter 39.00-44.50; Shells down to 30.00. Sl. bullocks: Choice 56.50-61.00; Good 53.00-59.75; few Standard 52.00-56.50. Sl. bulls: Yield Grade No. 1, 1000-2200 lbs. 52.00-60.50; Yield Grade No. 2, 900-1600 lbs. 50.00-56.00.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 300-700 lbs. 58.00-77.00; Large Frame No. 2, 300-750 lbs. 51.00-62.00. Heifers, Medium & Large Frame No. 1, 300-700 lb. 50.00-60.50; Large Frame No. 2 250-500 lbs. 55.00-62.00. Bulls Medium & Large Frame No. 1 300-800 lbs 52.00-67.00.

CALVES: 2829 Compared with 2632 head last week and 2589 head a year ago. Vealers uneven, mostly steady to 5 00 lower. Few Prime 100.00-129.00; Choice 90.00-115.00; Good 80.00-98.00, 90-120 lbs. 60.00-78.00; 65-90 lbs. 55.00-70.00; Utility 55-110 lbs. 40.00-60.00.

FARM CALVES· Active Hol. Bulls 80-120 lbs. 72.00-112.00, mostly 85 00-102.00; Hol. Heifers 80-140 lbs. 85.00-200.00, mostly 100.00-165.00. Beef Cross Bulls & Heifers 70-100 lbs. 80.00-117.00

HOGS 7284 Compared with 6298 head last week and 8935 head a year ago Barrows and gilts strong to 2.50 higher. US No. 1-2 200-240 lbs. 44.50-46.00 No. 13- 200-250 lbs. 43.50-44.50; No. 2-3 200-275 lbs 41.00-44.00 few down to 38.00; few No. 1-3 140-190 lbs 38.00-41.50; Sows unevenly steady. US No 1-3 300-570 lbs. 32 00-38 00; No. 2-3 300-650 lbs. 30.00-35 00 Boars 26 75-36.00.

FEEDER PIGS: 1033 Compared with 765 head last week and 1912 a year ago. Uneven, steady to weak US No. 1-3 20-35 lbs. 17.00-25.00 per head; No. 1-3 35-50 lbs. 25.00-35.00; No. 1-3 60-80 lbs. 30.00-37.00, few to 44.00.

GRADED FEEDER PIGS: 2397. Compared with 3179 head last week, and 2956 head a year ago. All sales by CWT. Feeder Pigs highly uneven, extremes 13.00 higher to 11.00 lower. US No. 1-2 25-40 lbs. 74.00-80.00, few 89.00, 40-50 lbs. 66.00-77.00, 50-60 lbs. 62.00-69.00, 60-70 lbs. 52.00-61.00, US No. 2-3 25-50 lbs. 46 00-65.00 few 77.00.

SHEEP 605. Compared with 406 head last week and 716 head a year ago. Spring sl. lambs steady but spots weaker. Few Choice 20-40 lbs. 100.00-117.50; 45-100 lbs. 60 00-90.00, mostly 70.00-84.00; few Good 60-85 lbs. 59.00-73.00. Sl ewes· 15 00-30.00.

Indiana Auction

Thursday, May 14

CATTLE: 203. Compared with last week's market: Sl. cows 1.00-1.50 higher. Sl. steers few Choice 61.00-64.25, few Good 57.00-61.00; few Standard 52.00-55.50. Sl. heifers: few Choice 58.00-59.25; few Standard 52.00-54.25. Sl. cows: Utility & Commercial 45.00-48.75; Cutters 42.00-46.75; Canner & L. Cutter 40.00-44.50; Shells down to 30.00. Sl. bulls: few Yield Grade No. 1 & 2 1000-1790 lbs. 52.75-57.25.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 300-500 lbs. 56.00-66.00. Heifers, Medium & Large Frame No. 1, 290-500 lbs. 52.00-58.00; Medium Frame No. 2, 500-700 lbs. 41.00-52.00. Bulls few Medium & Large Frame No. 1 & 2 400-650 lbs. 55.00-59.00.

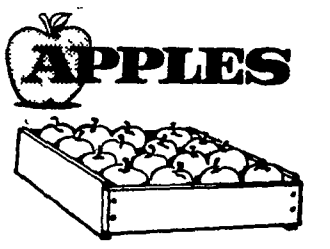
CALVES: 67. Few Good 79 00-94.00; 90-120 lbs 68.00-76.00; 70-90 lbs. 60.00-69.00.

FARM CALVES: Hol Bulls 85-120 lbs 73.00-99.00; Beef Cross Bulls & Heifers 75-120 lbs. 80.00-95.00.

HOGS: 157. Barrows and gilts Mostly 1.00 higher, instances 1.50 higher. US No. 1-2 200-230 lbs. 43.00-44.00; No. 1-3 200-260 lbs. 41.25-43.50; few No. 2-3 260-300 lbs. 39.00-41.00; few No. 1-3 130-180 lbs. 33.00-38.75; US No. 1-3 300-500 lbs. 32.00-38.00. Boars 22.00-32.00.

FEEDER PIGS 13. Lot US No 1-3 20 lbs. at 8.00 per head; few No. 1-3 50-60 lbs. 17.00-28.00.

SHEEP: 26. Spring lambs lot Choice 80 lbs. at 75.00. Sl. ewes: 14.00-22.00.



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See Page A-18

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Interlocks truss and wall column, eliminates knee bracing

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Composite beam of lumber laminated to a heavy steel core Handles doors up to 36' wide

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$29 PER SQUARE OF METAL

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14'	38 pcs.	$14.93	$12.73 ea.
16'	65 pcs.	$17.06	$14.55 ea.

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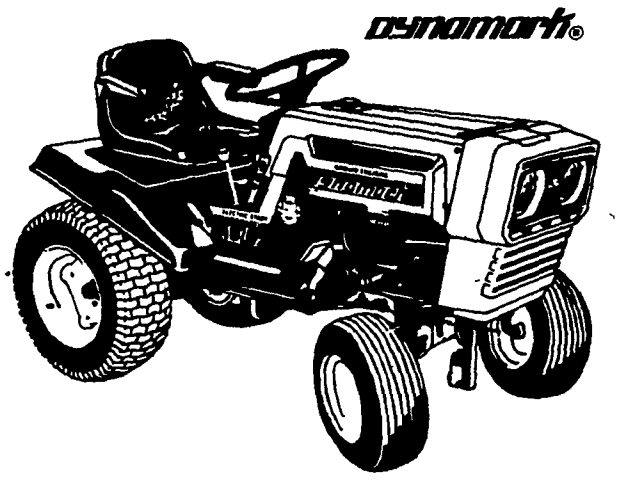

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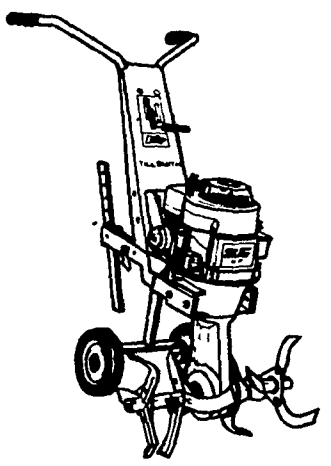

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11" slicer tines (4 blades per plate). 22" to 24" tilling width. Adjustable, fold-up handle with controls. #95201

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8'	8.80	11.90	11.90	8.87	5.81
10'	11.00	14.88	14.88	11.08	7.25
12'	13.20	17.86	17.86	13.30	8.71
14'	15.40	20.83	20.83	15.52	10.16
16'	17.60	23.81	23.81	17.73	11.61
18'	—	26.94	—	—	—
20'	—	29.77	—	—	—
22'	—	32.74	—	—	—

FRAMING LUMBER

	8'	10'	12'	14'	16'	18'	20'	22'	24'
2x4	1.46	2.03	2.41	2.79	3.25	3.81	4.96	—	—
2x6	2.37	3.10	3.80	4.55	4.93	5.78	6.31	8.59	8.91
2x8	3.25	4.06	5.21	6.11	6.95	8.99	9.21	10.99	13.24
2x10	4.87	6.05	7.21	8.64	9.91	11.38	12.55	14.87	16.03
2x12	6.24	7.81	9.22	11.62	13.00	14.41	17.89	21.03	—

PRESSURE TREATED LUMBER

	8'	10'	12'	14'	16'	18'	20'	22'	24'
2x4	1.84	2.67	3.59	4.53	5.31	—	—	—	—
2x6	2.99	4.31	5.74	5.94	6.68	—	—	—	—
2x8	4.09	5.99	7.49	8.13	9.30	—	—	—	—
2x10	—	—	9.99	—	14.70	—	—	—	—
2x12	—	—	—	—	19.82	—	—	—	—
4x4	4.51	6.79	7.99	9.09	10.99	—	—	—	—
4x6	—	—	11.31	13.19	15.37	19.58	21.26	27.10	—
6x6	—	14.31	15.99	18.99	21.99	27.89	33.40	38.46	42.55

CENTER MATCHED 2x6's

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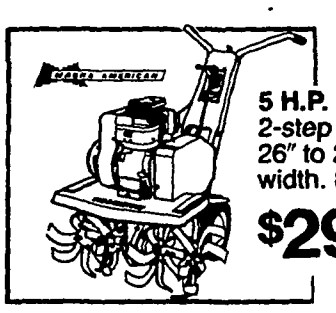
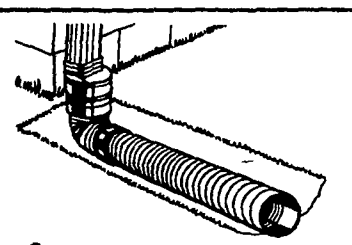
3.28	4.14	4.95	5.79	6.59



5 H.P. Garden Tiller. 2-step chain drive. 26" to 28" tilling width. 8 blades. #95210

$299.99 Reg. Price $349.99



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Clyde Robison is honored

STATE COLLEGE — Clyde S. Robison, well-known Jersey breeder from Washington County and active leader in local, state and national dairy organizations, was honored with the 1981 Distinguished Dairy Science Alumnus Award at the annual banquet of the Penn State Dairymen's Club.

As the honor was bestowed, Paul Wangsness, head of the department of dairy and animal science, told the recipient·

"We are proud to claim you as a Penn Stater. We think you are a tremendous credit to the dairy industry,"

Born on the family's 280-acre farm at Coal Center, Robison graduated from Penn State in 1939 following a two-year program in dairy production.

Returning to the farm, he worked in partnership wih his father and assumed ownership in 1960 Presently, the registered Jersey herd includes 125 milkers and nearly 100 replacement stock.

Always among the Jersey leaders in DHIA, the herd includes some outstanding individual producers. One member of the herd recently recorded the highest milk and fat production for the breed in the state, including 20,757 lbs. of milk and 1,126 lbs. of butterfat in 305 days of test. Another has recorded 17,891 lbs. of milk and 1,105 lbs. of fat.

Credit for these production records are shared by Robison and his son, Robert, who work together in partnership.

Among his many awards have been the Master Farmer Award and the first Charles Cowan Award as Dairyman of the Year, which is presented by the Pennsylvania Dairymen's Association.

Throughout Washington County and on the state and national levels, he is known for his work and service to a wide variety of agricultural and dairy organizations.

As 1981 Distinguished Dairy Science Almnus, Clyde S. Robison, right, Washington County Jersey breeder, receives congratulations of Paul Wangsness, head of Penn State's Dairy and Animal Science Department. Looking on during ceremonies at Dairymen's Club annual banquet is Mrs. Robison.

Booklet details UDIA market study

ROSEMONT, Ill. — United Dairy Industry Association has published a booklet which outlines the design and results of its 10-Market Study of non-brand milk advertising.

The study found that, in the 10 markets, returns to dairy farmers from non-brand milk advertising were $2.20 for each $1.00 invested. Results also showed average milk sales were 3.6 percent higher with non-brand milk advertising than they would have been without it.

UDIA's 12-page, 2-color booklet, "10-Market Study Shows Non-Brand Milk Advertising Pays," contains information about the history of milk advertising studies, the 10-markets, the econometric model use for analysis and the way in which net return was calculated.

An information copy of the booklet may be obtained by contacting: United Dairy Industry Association, Dept. TMS, Box 721, Rosemont, Illinois 60018; telephone: 312/696-1860.

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On thousands of farms Chore-Time's "coreless", flexible, spring steel auger system has built its record. It's known for its reliability, its low power requirements, its long life. And Chore-Time is known for always trying to make it even better: latest improvements include new PVC tubing with ultraviolet and wear inhibitors, plus new power-efficient direct drive motors that turn the auger. Get full facts now about Chore-Time's FLEX-AUGER and line of feed bins.

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Oliver Martin Chairman

Learn about bacteria

UNIVERSITY PARK — Bacteria are both helpful and harmful. Cheese, sauerkraut, alcohol, and penicillin are some of the good products; however, some bacteria grow within or on animals and plants, causing diseases.

Tuberculosis and typhoid fever among humans, brucellosis in cattle, cholera in hogs, wilts, leaf spots, and blights of plants are results of bacterial activity.

Bacteria are always a threat in foods. Canning, refrigerating, freezing, and pasteurizing are needed to reduce bacterial action which causes spoilage.

To present the many kinds of bacteriology, soil, dairy, medical, industrial and plant pathology, Penn State offers a newly revised and rewritten correspondence course on microbiology.

Soil suited to plant growth houses millions of living things too small to be seen with unaided eyes. Every ounce of fertile soil normally contains millions of living organisms, such as bacteria.

Bacteria are among the living forms active in building and maintaining soil fertility Gardners know that adding lime and organic matter increases bacteria population, benefitting plants by human formation and "fixing" of nitrogen. Fixing of nitrogen is the conversion from gaseous to nitrate or other solid forms usable by plants in protein production

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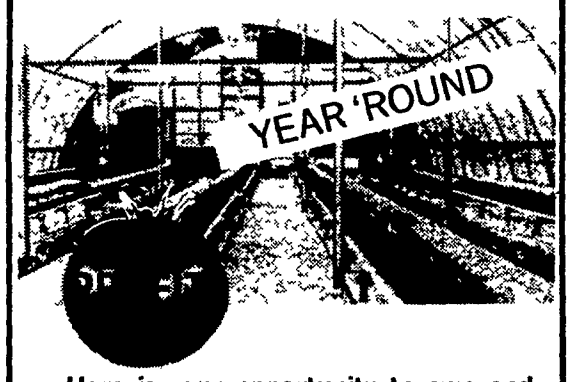

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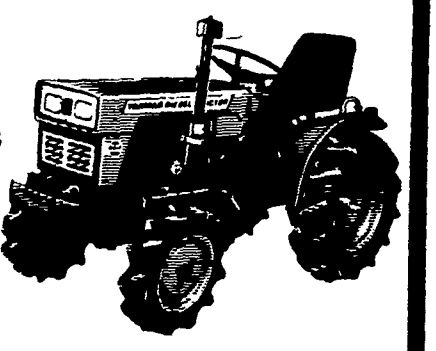

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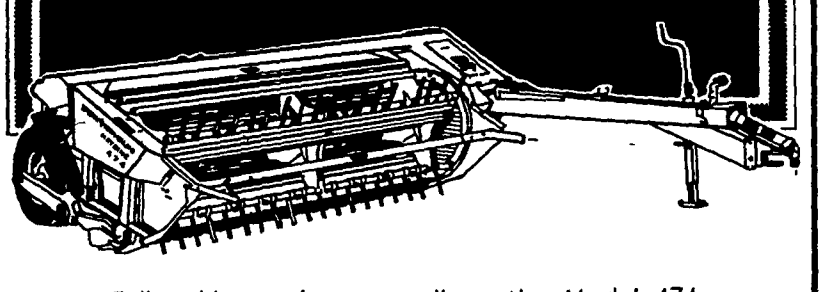

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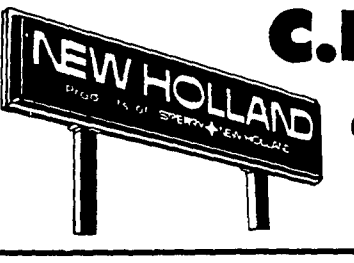

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In solitary silence that almost speaks...

BY DICK ANGLESTEIN

INTERCOURSE — The best time to wander around an antique auction, particularly of old carriages, wagons and sleighs, is long before the bidding gets started and the crowds arrive.

Patrick Morgan shines up the side glass on a gleaming black hearse -- one of several scheduled for sale at Martin's Auction. His reflection shows he's doing a good job.

Unlike a livestock sale or show where the hum and buzz of the crowd are essential parts of the atmosphere, the bustle of people jostling back and forth seems to dectract from the antiquated items themselves.

People quickly put a sale in the present.

But antiques, such as yesterday's horse-drawn vehicles, belong and should remain securely linked to their roots in the past.

Thus, it was earlier this week, as consignors began bringing their buggies, carts, wagons, carriages and sleighs to Martin's Auction, near Intercourse – the largest such event of its type in the country.

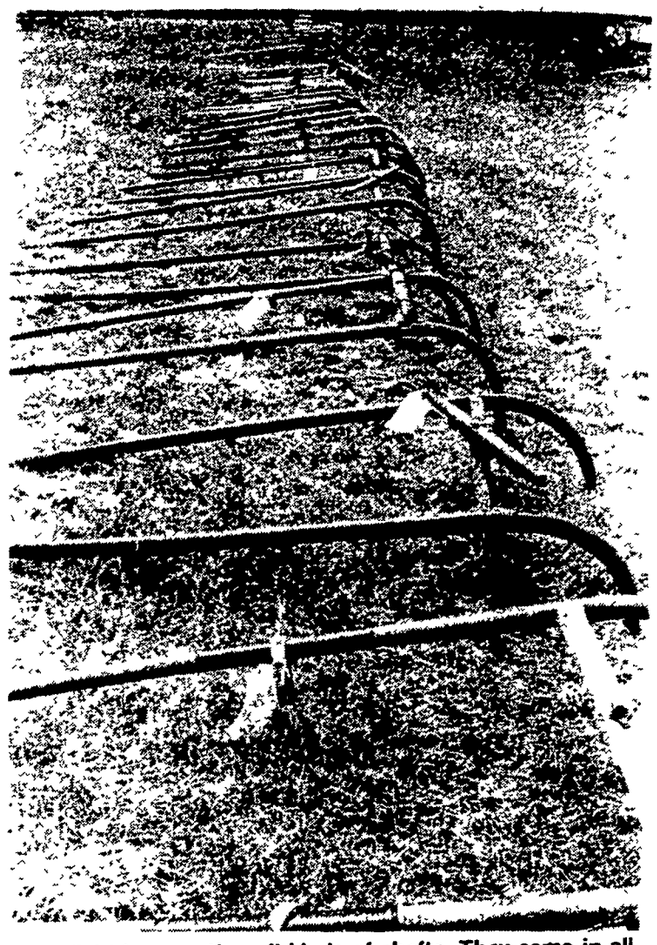
When the three-day marathon of bidding winds up today, some 9,000 items – ranging from horse-drawn hearses to harness and whips to wicker furniture – will have passed under the auctioneer's gavel.

But as the skies began to clear of their dark clouds and drizzle a couple days before the auction was to open, the early-arriving consignments still out-numbered curious on-lookers and seriously interested buyers.

In their solitary silence, it was almost as if the antique vehicles could speak.

But in reality, they couldn't and their voice belongs to Paul Z. Martin Jr. who, along with brother Larry, is observing a 10th anniversary of being a spearhead in the nationwide renewed interest in horse-drawn vehicles and accessories.

"The interest has grown so much, along with the demand for vehicles, you don't get the calls



This field is sprouting all kinds of shafts. They come in all colors, configurations and conditions. Each will become a part of a restoration project that will put another horse-drawn vehicle back on the road.

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the barn," Martin said.

"Ten years ago, ther
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But Martin recalls
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And the prices of
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Paul Z. Martin Sr.
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auctions. Here, the c

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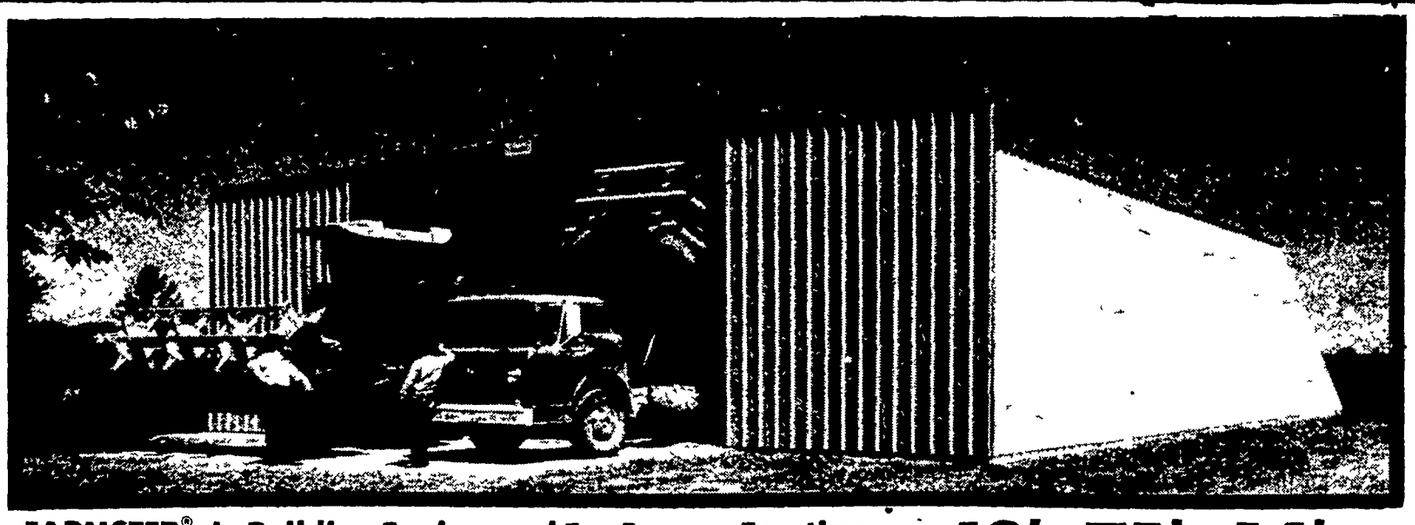

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...at the biggest auction of its kind

anymore of the old carriages being uncovered under a pile of hay in the barn," Martin said.

"Ten years ago, there was more of the farm-to-farm searching, but now there are so many dealers and collectors involved, that they do much of the leg-work."

But Martin recalls how only a few years ago he came across a stagecoach in the basement of a home in Massachusetts. The top had been cut off to get it in and the same was done to remove it.

And the prices of top horse-drawn vehicles are rivaling those of their antique counterparts which feature the horses under the hood.

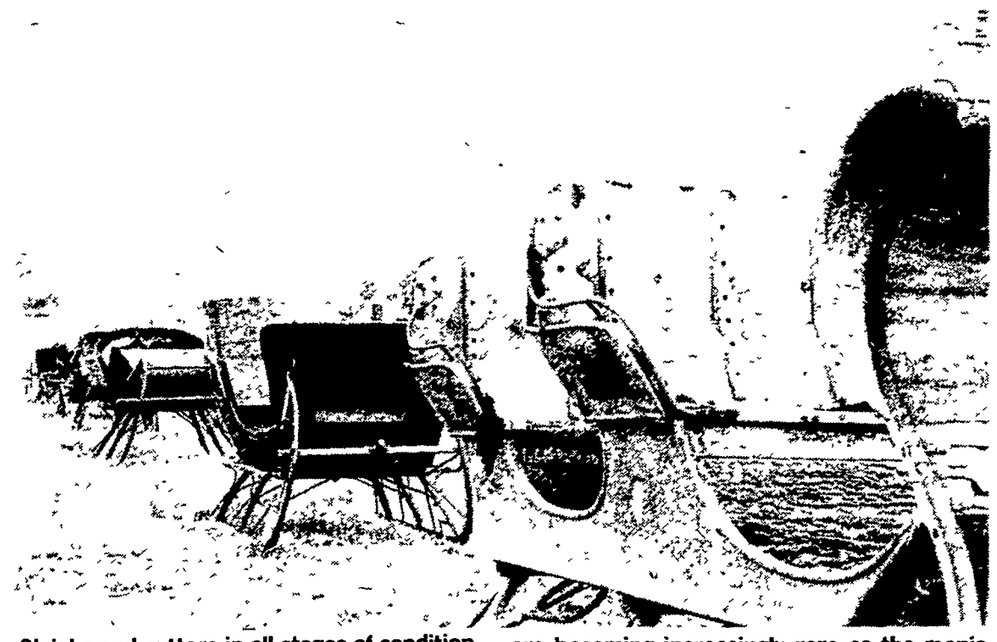
Last fall in Albany, N.Y., a fully-restored English Tally-Ho Coach brought $52,000. Another similar coach sold for $32,000.

The Martins hold three auctions a year on the large site east of Intercourse in May, August and October and are involved in a number of museum liquidation sales throughout the country.

Martin Auctioneers is now in its third generation of operation, beginning with horses and mules with grandfather William Z. Martin early in the century in New Holland.

Paul Z. Martin Sr. and his wife, Rachel, still joke about coming out of retirement three times a year to help with the local auctions.

Paul Z. Martin Sr. and wife, Rachel, explain they come out of retirement a few times a year to help out with carriage auctions. Here, the couple is tagging smaller antique items.



Sleighs and cutters in all stages of condition stretch as far as the eye can see at the annual Martin Auction held the past three days near Intercourse. Sleighs and runabouts are still fairly easy to find, but good quality carriages are becoming increasingly rare as the mania for collecting and restoring horse-drawn vehicles literally stretches from coast to coast and beyond.

This past weekend, Paul Jr. was in New England, which he describes as the heartland of good horse-drawn vehicles, along with other parts of the Northeast.

"I was in Connecticut and picked up three vehicles," Martin said.

"Someone stopped me as I was driving along and said he had a neighbor with some vehicles.

"So, I spent another day looking at carriages and wagons I didn't even know were there.

"But it's getting harder and harder to find the good quality vehicles."

The current sale has consignments from about 20 states and abroad, while prospective buyers are here from about 35 states. Often, they overlap. Someone will bring one type of vehicle to sell and seek another which will upgrade their collection.

But what about the "stories" the vehicles themselves might tell. Well, that takes a little imagination and the opportunity to wander among them without the crowds.

—The milk delivery wagon that clop, clopped through the early morning stillness of a city street a

(Turn to Page A22)

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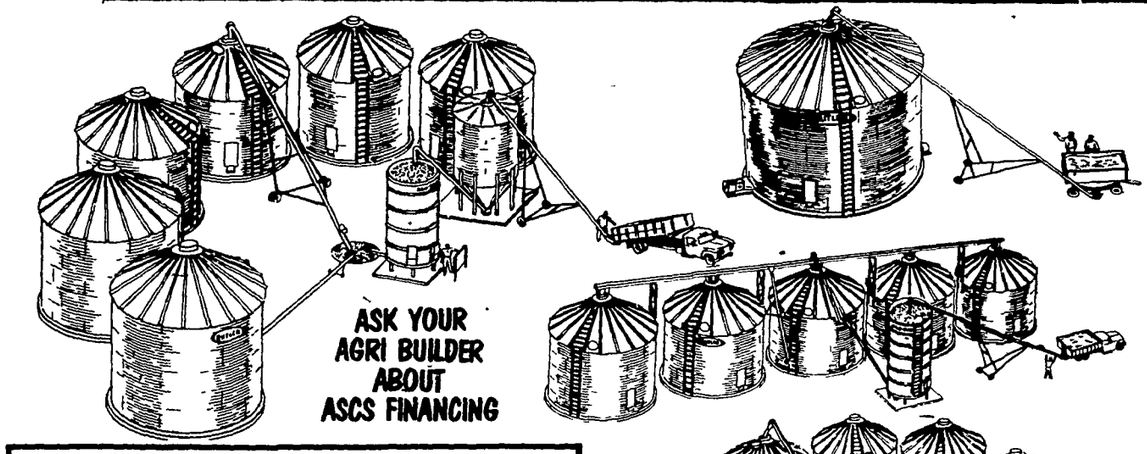

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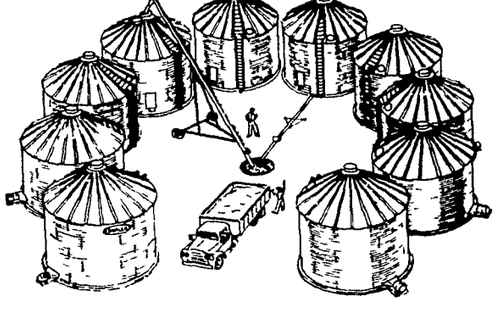

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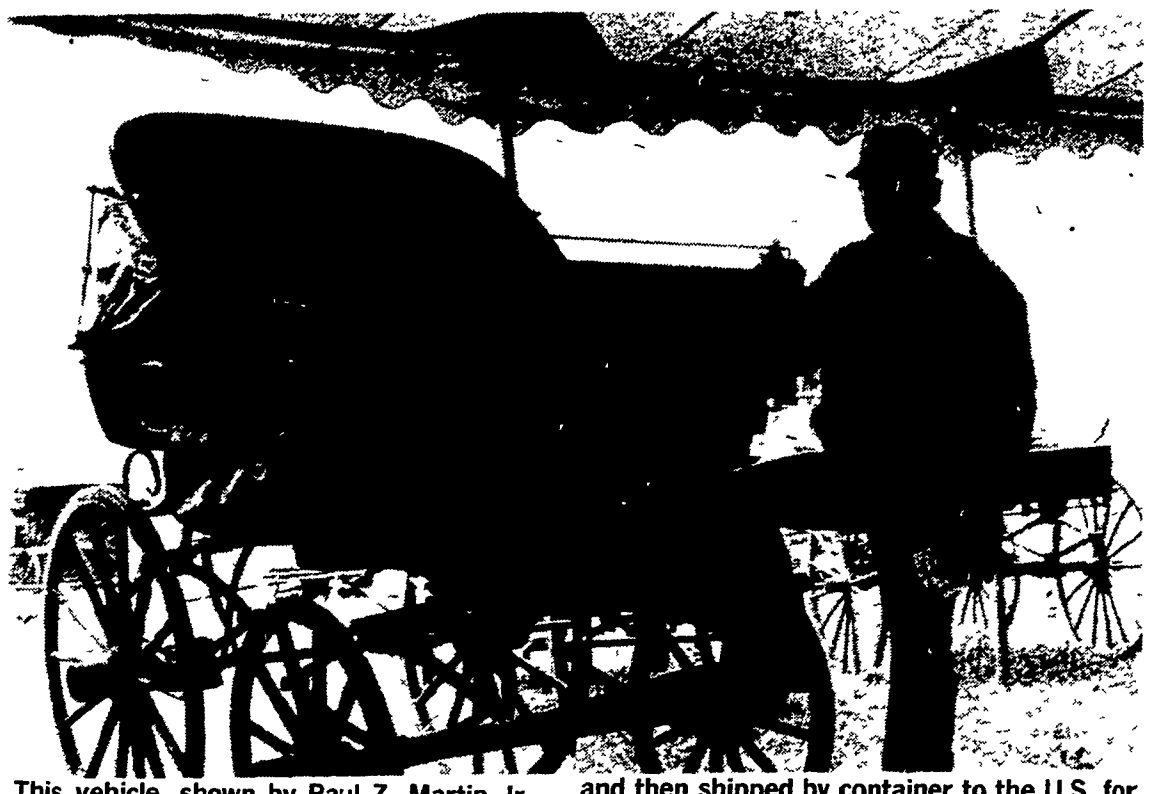
Whoever came up with these makeshift ends for small wagon at Martin's Auction was a bit of a poet. The front end shows the familiar Deere logo and the back end with the word "ear" is actually from an old wood Burma Shave sign.



This vehicle, shown by Paul Z. Martin Jr., must qualify for the prize of coming the longest way. A Cut-Under Swiss Chaise, the vehicle was first taken from Switzerland to England and then shipped by container to the U.S. for inclusion in the Lancaster County carriage sale. It is among more than 300 vehicles at the auction, which closes today near Intercourse.

Carriage sale

(Continued from Page A21)

half-century ago with the horse knowing the route and every stop that had to be made.

—The doctor's buggy that

(Turn to Page A23)

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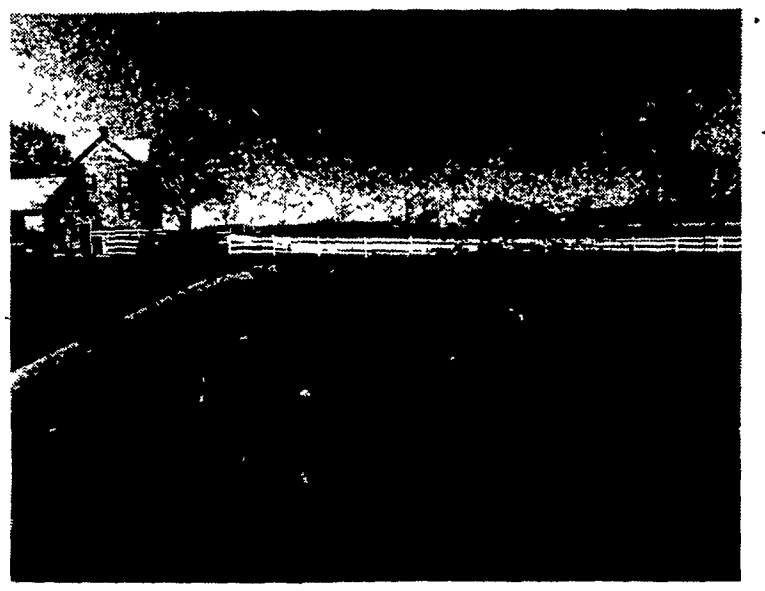

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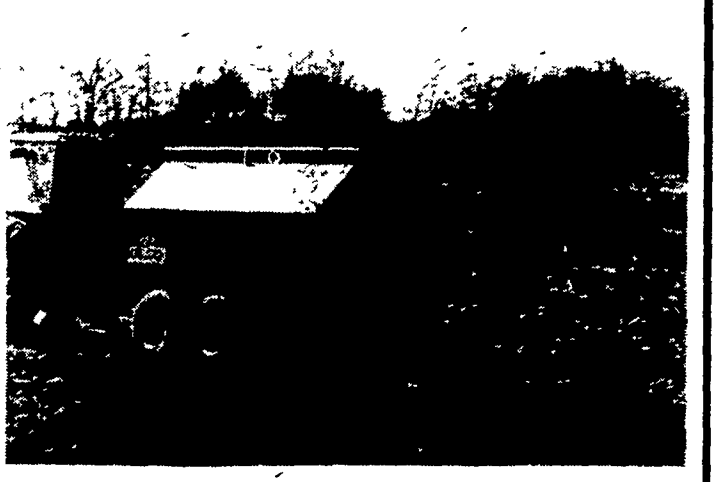

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Carriage Sale

(Continued from Page A22)

ploughed through the mud of spring and the snows of winter to make rural emergency calls.

–The massive hay wagon with its thick aged wood and rust-pocked metal to match

These and many more stand side-by-side – the fully restored with shining enamel and iron contrasting with age-worn originals awaiting the patient and caring hands of a new owner.

But to hear the "silent stories" that the vehicles might tell, you must come early long before an auction begins. For antiques are like some humans, they become absolutely quiet in big crowds.

Heavy wood and metal is found on one of the more substantial vehicles at the Martin sale. It is listed as a hay wagon. Bed of the wagon is actually divided into two sections. Divider is found at the depression just behind the front wheel, which is heavily braced with sheet metal.

Horse-drawn vehicles come from all over the country for the annual Martin auction near Intercourse. This load was pulled behind a camper all the way from Michigan.

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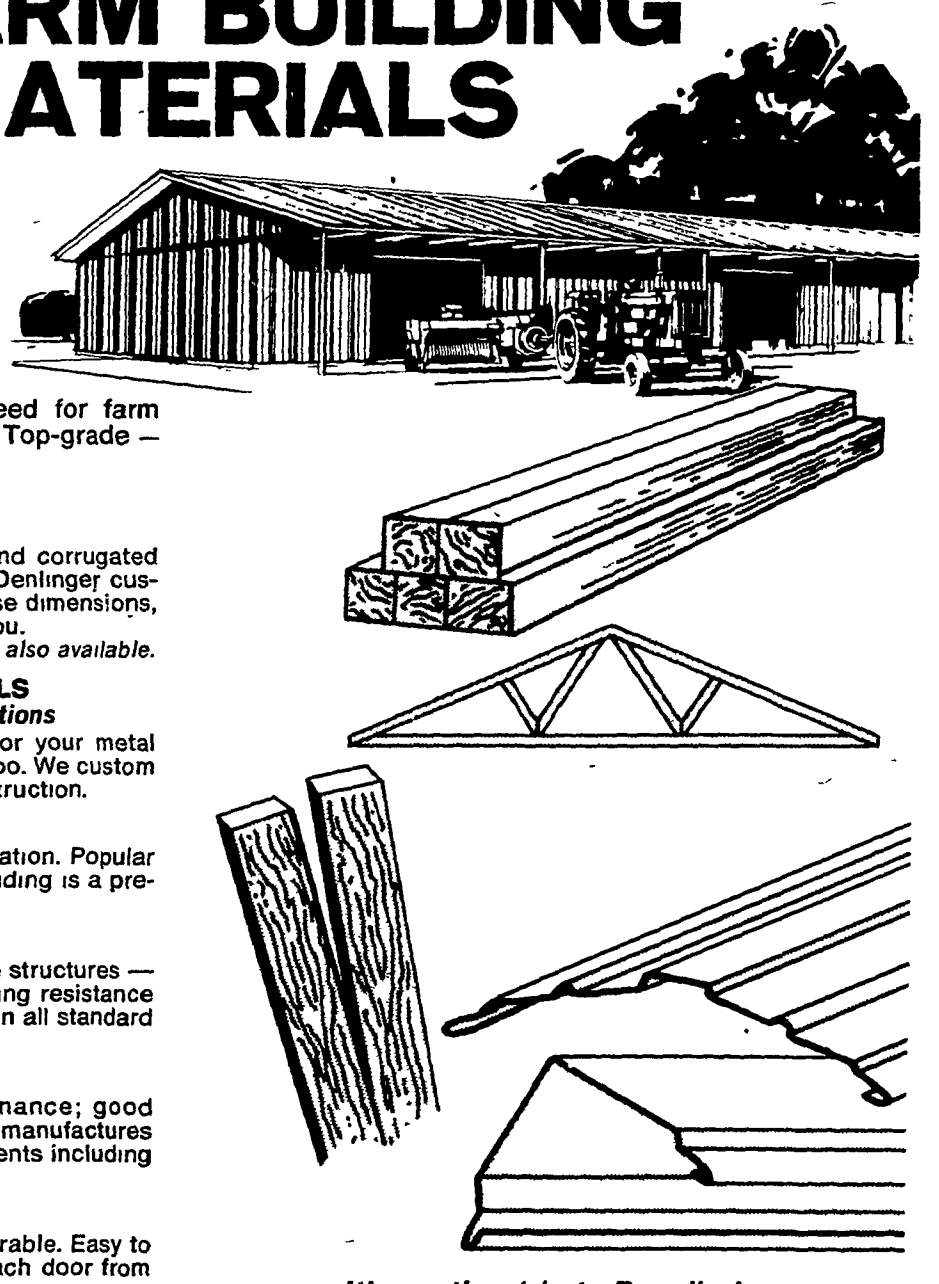

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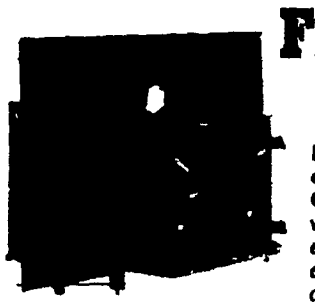

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Wed., Thurs., Fri. 10 to 8; Sat. 10 to 4

State grain stock down 22 percent

HARRISBURG — Total stocks of wheat, corn, oats and barley in Pennsylvania on April 1 were 22 percent below a year ago at 61.0 million bushels, according to the Pennsylvania Crop Reporting Service.

Stocks on farms were down 24 percent while off-farm holdings decreased ten percent. Farm holdings totaled 50.7 million bushels with off-farm stocks at 10.3 million bushels.

Corn stored in all positions totaled 49.2 million bushels, a 25 percent decrease from a year ago. Farm stocks at 43.2 million and off farm stock at 6.0 million were down 26 percent and 15 percent, respectively.

Pennsylvania wheat stocks of 4.1 million bushels at all positions were six percent above a year ago. Off-farm wheat stocks totaled 3.4 million bushels, while on-farm stocks totaled 740,000 bushels.

Sorghum stocks on farms totaled 100,000 bushels, down 46 percent from a year ago.

Oats held at all positions in Pennsylvania totaled 6.9 million bushels, down 13 percent from a year ago, with 6.1 million bushels on the farm and 778,000 bushels off-farm.

Barley in all storage positions, at 817,000 bushels, decreased ten percent from last year. On-farm holdings totaled 675,000 bushels, while off-farm stocks amounted to 142,000 bushels.

Soybean stocks of 379,000 bushels on farms decreased 36 percent from a year ago, while rye stocks totaled 35,000 bushels on-farm.

Nationally, corn stored in all positions on April 1 totaled 4.0 billion bushels, 18 percent below last year's record level of 4.86 billion bushels. Off-farm stocks at 1.34 billion were down five percent from a year earlier, while farm stocks, at 2.65 billion bushels, were off 23 percent from last year's record level. Disappearance from all storage positions during the first quarter of the calendar year is indicated at 1.86 billion bushels, eight percent below the 2.03 billion bushels used in the same period a year ago.

Sorghum grain in all positions on April 1 amounted to 313 million bushels, 21 percent less than a year earlier and 25 percent less than April 1, 1979. Farm stocks totaled 82.9 million bushels and off-farm holdings were 230 million bushels, down 42 and nine percent, respectively, from last year. Disappearance from all storage positions during the first quarter of the calendar year was 154 million bushels, 39 percent less than the January-March disappearance in 1980.

Oats stored in all positions on April 1 totaled 256 million bushels, 25 percent less than a year earlier and 33 percent below April 1, 1979. Farm stocks amounted to 211 million bushels, 26 percent less than a year earlier, while off-farm holdings, at 44.4 million bushels, were down 20 percent from last year. Disappearance during January-March 1981 totaled 135 bushels, down two percent from a year ago.

Barley stored in all positions totaled 202 million bushels, 23 percent less than last year's 262 million bushels, and 32 percent below April 1, 1979. Off-farm stocks at 90.0 million bushels were seven percent less than a year earlier, while farm stocks, at 112 million bushels, were 32 percent below last year's stocks. Disappearance during January-March 1981 was 99.8 million bushels, down three percent from the corresponding period a year earlier.

All wheat in storage on April 1 amounted to 1.33 billion bushels, up nine percent from a year earlier and eight percent more than two years ago. Farm stocks of 543 million bushels are five percent below last year's 570 million bushels. On-farm storage accounted for 41 percent of the total wheat stocks compared with 46 percent a year earlier. Off-farm wheat stocks at the beginning of April totaled 791 million bushels, 21 percent above last year's 656 million bushels. Disappearance during the January-March quarter was 571 million bushels compared with 491 million bushels a year ago.

Rye stored in all positions on April 1 totaled 6.80 million bushels, 55 percent less than last year's 15.0 million bushels. On-farm rye stocks at 3.48 million bushels were 61 percent less than a year ago, while off-farm rye stocks, at 3.32 million bushels, were 45 percent less than last year. Disappearance during the January-March quarter totaled 2.49 million bushels, compared to 2.72 million bushels last year.

Soybeans in all positions totaled 1.03 billion bushels, down 13 percent from a year ago, but 17 percent more than April 1, 1979. Farm stocks of 540 million bushels were ten percent below last year, while off-farm stocks totaled 494 million bushels, down 15 percent from a year earlier. The September-March disappearace was 1.14 billion bushels, down nine percent from the same period a year ago.

Reserve tops grand at Shorthorn Sale

MERCER — The reserve grand champion Shorthorn bull upset the grand champion at the recent Pennsylvania Shorthorn Spring Sale, held at the Mercer 4-H Park.

MSF Major 037, a May, 1980 Thornwood Major son, topped the sale at $1050. The yearling bull was consigned by Diane McElhaney, Hooktown and was purchased by Pat and Jere McKee, New Castle.

The grand champion bull, Windholme Clark 1070, a November, 1979 son of Clark, sold to Lionel Persinger, Proctor, West Virginia and R. J. McLaughlin, Woodsfield, Ohio for $850. The bull was consigned by Windholme Farm, Orange, Virginia.

The Virginia Shorthorn farm also consigned the grand and reserve grand champion females.

Windholme Lady 130, a January, 1980 daughter of Windholme Robin King, sold to Glenn Aescheacher, Beaver, for $750.

Bidding stopped at $675 for Windholme Princess 260, a March, 1980 daughter of Meadowbrook Chief. The reserve champ's new owner is George S. Six, New Freeport.

The high-selling cow/calf pair sold for $675 to Thomas D. Rodgers, Gibsonia. The pair was consigned by George Hunter, Stoneboro.

Joan Peoples, Volant, consigned the high-selling bred heifer, Maypleview Suzi. The heifer sold to Whiting Cattle Co., New Wilmington for $600.

Other high selling lots included two consignments by Duncancroft, Saxonburg. Duncan Rosewood Lass SOX sold for $700 and Duncan Coronita Meg 80X sold for $650.

Buying the pair was Wesley Butts of Deposit, New York.

The 25 Shorthorn females averaged $529 and 8 bulls averaged $621. The 33 lots averaged $551.

Volume buyer with 6 females at $2925 was the Whiting Cattle Co.

Robert Maxwell, a 1981 graduate of Penn State, judged the pre-sale show.

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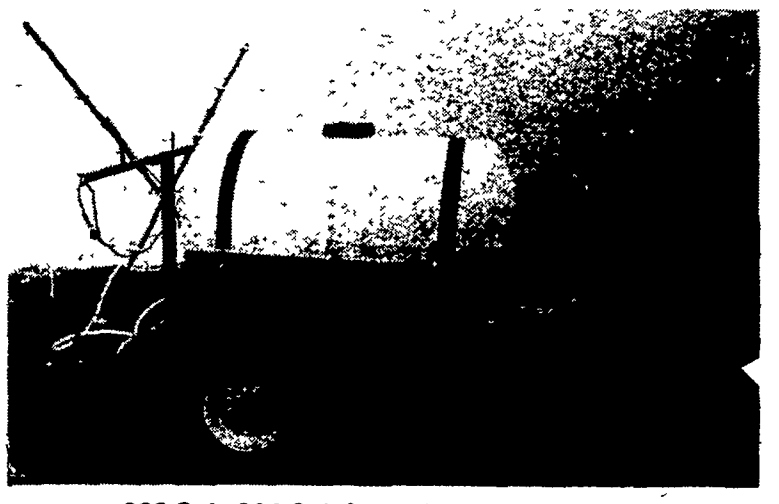

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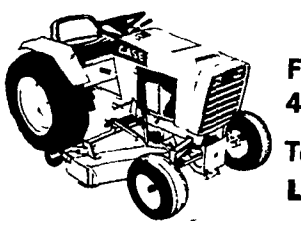

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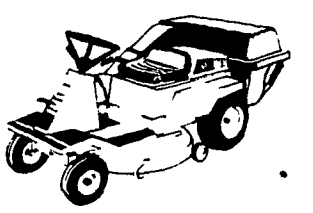

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Dairying dream coming true for cousins

BY DICK ANGLESTEIN

REISTVILLE — As soon as they're old enough to toddle after their parents to their dairy barn, a lot of farm youngsters begin to shape a dream in their minds.

At first, when the visits to the barn primarily open a whole new world of fun and adventure of climbing over hay bales or throwing a handful of the sweet-smelling stalks to one of the herd, the dream is still a bit hazy.

But, as responsibilities expand to assume a major share of feeding or milking chores, the focus of the dream begins to become sharper and sharper.

That dream is to one day milk your own cows.

And so it was with two cousins who are just completing their vo-ag studies at Eastern Lebanon County High School.

Just as the dream slowly began to take shape in their youthful minds over the years, it is now materializing in the form of concrete block, wood and metal on the former Krall farm along Ramona Drive northwest of Reistville in Lebanon County.

And after the construction is completed, the cousins, John Kline, 17, and Ken Heisey, 18, should begin to realize the final phase of the dream of milking their own cows approximately in August.

"When we were little kids, we talked about how some day we'd milk together," Kline said.

"I guess back then it was more in a way of kidding each other," Heisey added.

But that beginning of the dream survived a period when Heisey moved from the Lebanon area. His father, Paul, was formerly associated with the Heidelberg Church of the Brethren and moved on to charges in Maryland, Sunbury and most recently in Indiana.

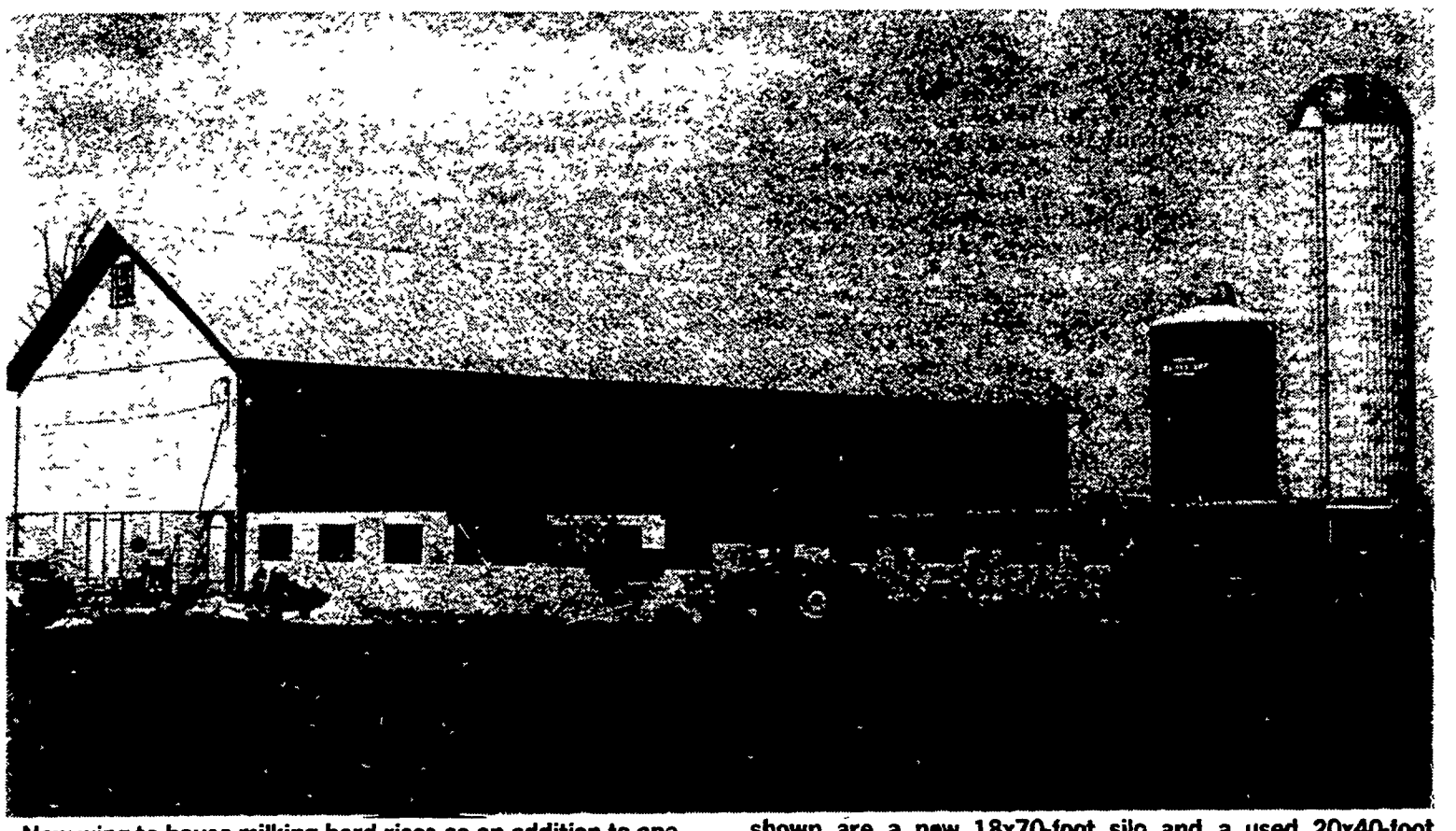
"I came back summers to work on the farms of my brothers, Walter, of Schaefferstown, and Marlin, of Annville," Heisey said.

"And we still talked about milking cows together."

Heisey also remained and completed his senior year studies at Elco.

"Now, we're looking forward to getting started with what we've been talking about all these years," Kline said.

As the dairying venture takes shape, the cousins, despite their still very young years, are following a construction program that will provide the most modern of facilities, yet retain some of the historical charm and significance that the farm contains.



New wing to house milking herd rises as an addition to one of the largest bank barns located in Lebanon County. The original 1890 barn measures 150 feet long and 55 feet wide; while the new 135-foot addition will contain 61 stalls. Also shown are a new 18x70-foot silo and a used 20x40-foot Harvestore that was moved and re-erected on the farm along Ramona Drive northwest of Reistville.

The single-story addition to house the milking herd will blend well with the original 1890 stone and wood structure, which is one of the largest bank barns in the Lebanon County area. The original barn is 150 feet long and 55 feet wide.

The 135-foot addition is being constructed as an L-shaped wing to the barn. It will contain 61 stalls for the milkers. A pipeline milking system will be installed.

"We'll be adding a milk house with a 1,000-gallon tank, which will have a utility room and a vestibule," Kline, who is the son of Mr. and Mrs. Norman Kline, R2, Myerstown, said.

Other obvious additions have been made to transform the facilities of an old-time general farm into a dairy operation.

There's a new 18 X 70-foot concrete silo with a patriotic red, white and blue top that contains corn silage. And a used 20 X 40-foot Harvestore was moved and re-erected for high moisture corn.

A Slurrystore unit, which will hold 194,000 gallons, will be erected. The manure will be pumped underground to the unit from the barn's gutter cleaner.

"This will give us six months of storage capacity," Heisey said.

"We'll be hauling only twice a year and plowing it right in."

An 85-foot feed bunk with mixer box is already in operation as Holstein bulls from other Kline farms are being fed out until the dairy operation is completely ready to be launched.

But other renovations to the farm are not as obvious.

The entire ground floor of the original barn had earlier been gutted out and modernized.

"There was no steel in the barn at all," Kline explained.

"The ground floor was just a series of wood horse stalls."

The floor was jacked up, even though it had no sag, and concrete footers with steel support posts were erected. The ground floor now contains two heifer stalls, two rows of 22 free stalls and four box stalls.

It is planned that about 25 head of heifer replacements will be housed in the area when the dairy operation gets started.

The upper part of the barn will be utilized for hay and machinery storage.

Kline already has six cows, four heifers and three bulls of his own and the herd will be expanded for the new facility.

In addition to the large bank barn, the farm has other historical features.

The large brick house, believed to date to 1813, contains both a main section and a summer area. Once containing 17 rooms, some renovation has been done to its interior, consolidating rooms and modernizing the living area.

Massive brick arches are found in the basement, which contains a butchering area.

Next to the house is likely one of the more unique historical structures for this area.

It's a wood pump house, with a steeple on which a windmill once caught the Lebanon County breezes. The pump house still contains much of the original mechanism, which pumped the water into a tank for gravity flow into the house.

Below the pump house is an 85-foot, hand-dug well. Also contained in it are an area that appears to have been a workshop and a plaster-finished room, which may have been home for a hired hand at one time.

In addition to the two cousins, Kline's grandfather, Harry, makes his home on the farm. He's still quite active with gardening and other activities as raising white pigeons.

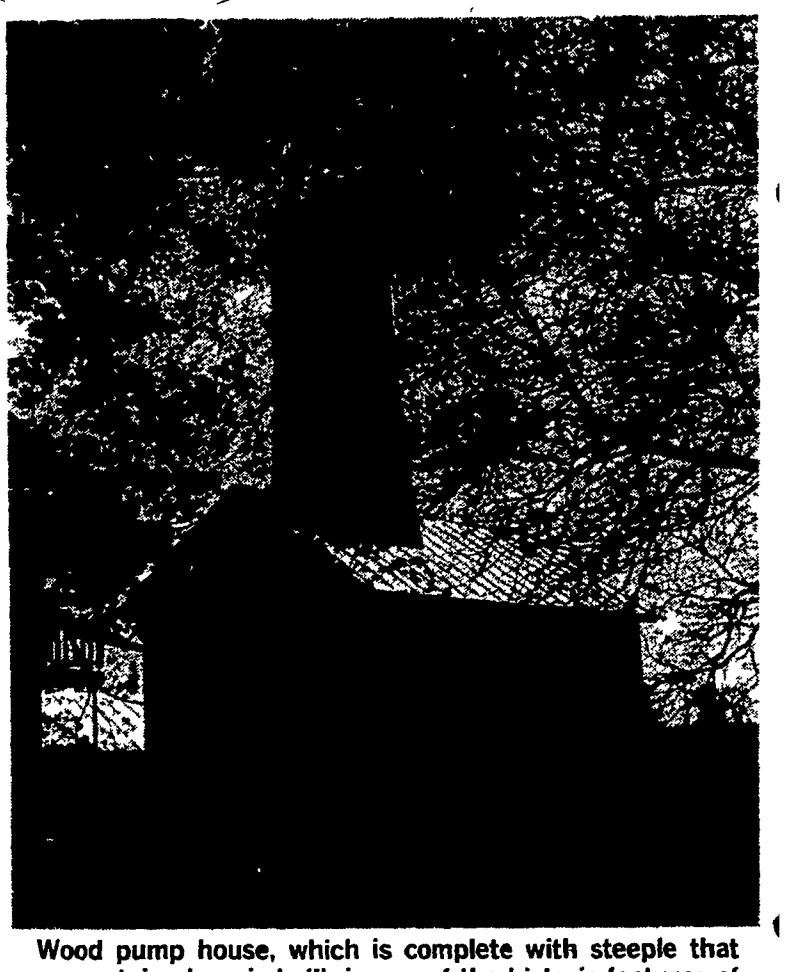
Some conservation measures have also been done on the 123-acre farm, which has six acres of pasture and 11 of woodland. A large ditch was put in the length of the farm to drain six small ponds that were scattered across the largely flat tillable area.

Yes, the dairying dream of the two Lebanon County cousins is rapidly being realized.

And, they're learning that as the

(Turn to Page A28)

Lebanon County cousins, Ken Heisey, left, and John Kline, right, flank Kline's grandfather, Harry, on bench outside large brick home that dates back to 1813. Farm on which the trio lives is currently being converted to a dairy operation, which will include 61 milkers and about 25 replacement heifers.



Wood pump house, which is complete with steeple that once contained a windmill, is one of the historic features of the former Krall farm in Lebanon County, on which a new dairy operation will soon be operated by cousins, John Kline and Ken Heisey.

Angus photo contest deadline is July 31

ST. JOSEPH, Mo. — Camera enthusiasts have only until July 31 to enter the national Angus Four Seasons Photo Contest, which offers more than $2,000 in prize money, reports Keith Evans, director of communications and public relations for the American Angus Association.

The contest is being sponsored jointly by the Association and the Angus Journal magazine.

"Through this contest we hope to encourage everyone who loves to take pictures to capture the beauty of Angus cattle, in their natural setting, in as many of the four seasons as possible," said Ann Gooding, Angus Journal editor.

Winning color photo, if suitable for cropping to a vertical magazine format, will be run on the cover of the Angus Journal.

First prize in both the black and white and color divisions is $300, with $225 for second, $150 for third, $75 for fourth and $50 for all photos that, in the opinion of the judges, qualify for honorable mention.

Photographs may have been taken at any time in the past few years, but they must not have been previously published. In the color division both color transparencies and high quality 5x7 photos mounted on cardboard (accompanied by the original negative) may be entered. They must have been taken by a 35mm or larger format camera.

Black and white entries must be a mounted 5x7 print or larger, accompanied by the negative and taken with a 35mm or larger format camera.

For complete information and official contest entry blanks, write or telephone the American Angus Association, 3201 Frederick, St. Joseph, Missouri 64501, 816/233-3101.

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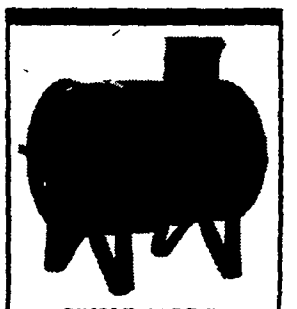

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Dairying dream

(Continued from Page A26)

dream takes shape, it can take some unusual turns.

Take the recent episode with the Canadian geese. Some 10 acres of wheat were wiped out by literally thousands of them in early March.

"They were only here a couple of days, but it was long enough to wipe out the wheat," Kline said.

"I'm sure there weren't many at Middle Creek those days and they were all here on the farm."

And as the cousins look back one day on this time of their dream taking shape, the episode with the geese will be just one of many interesting memories.

MILK

Ken Heisey, left, and John Kline discuss progress toward establishment of a dairying operation, which will fulfill boyhood dream for Lebanon County cousins.

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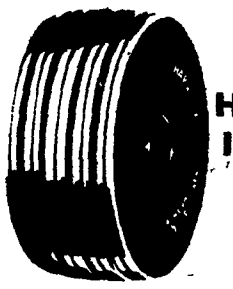

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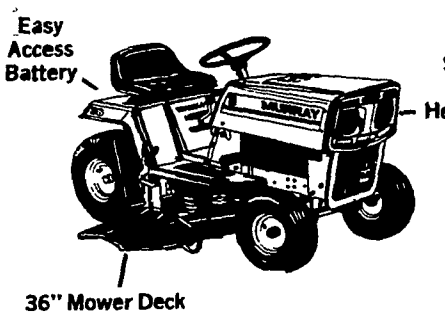

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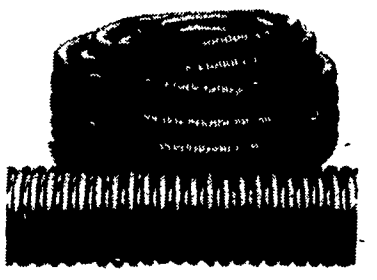

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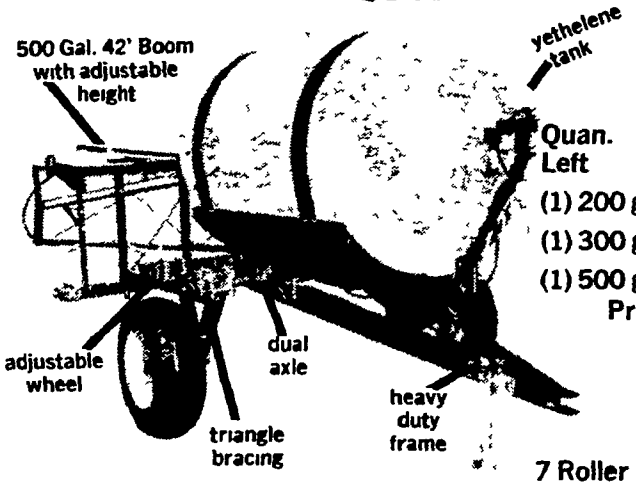

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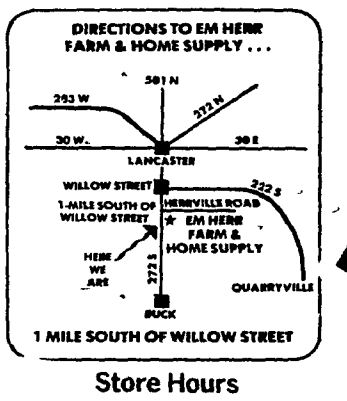

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More folks take up rural living for better or worse

WASHINGTON, D.C. — Americans are returning to the country after 160 years of steady urbanization.

In the last decade, the population in rural areas and small towns increased by 15 percent, while metropolitan areas grew by only 9 percent.

The latest U.S. population census showed that 62.8 million people lived in nonmetropolitan areas in 1980—8.3 million more than in 1970. At least 4 million of the newcomers came from cities or from abroad.

"Much of the move to rural areas also reflects a regional shift," says Calvin Beale, USDA population analyst.

"Drawn primarily by jobs—but also by the benefits of rural and small town life—several million have left the cities and suburbs of the northeast and industrialized midwest for the more rural southern and western states. For the first time, the country's population is centered west of the Mississippi River," he says.

This isn't a sign that urban areas are actually shrinking. Generally, states with the highest growth rates added people in both metropolitan and rural areas. In the south, cities grew faster than rural areas—the only region where this was true.

Nationally, however, urban populations not only grew at a slower pace than rural areas. Their pace also slowed considerably from the 17-percent urban growth rate of the 1960's.

In contrast, the growth rate of rural areas accelerated, even though total U.S. population growth slowed down. In the 1960's, the nation's rural population increased by only 4.4 percent despite the higher birth rate because 2.8 million more people moved out of rural areas than moved in.

Beale emphasizes while most rural areas showed renewed growth in the 1970's, some grew at fast rates, while others only lost people at a slower rate than before.

A vast, thinly populated rural area in the mountain west grew by 50 percent—easily the highest rate in the country. On top of a higher birth rate there, people came for the jobs in the energy, mining, and resort industries.

In addition, the trend toward early retirement and improved pension benefits increased the ranks of retired people, many of whom chose to settle in the west.

Florida's nonmetropolitan areas gained in population for the same reason.

Predominantly rural counties adjoining large urban areas also showed rapid nonmetropolitan growth, while the revival of coal mining drew people back to the coal regions of Kentucky, West Virginia, and Virginia after a population decline there in the 1960's.

Some counties showed a decline in nonmetropolitan population—most of them in the Great Plains and western Corn Belt. There, nonfarm growth wasn't high enough to balance the decline in the farm population.

In the Mississippi delta region, the continuing pattern of black migration to the north and the trend to mechanization contributed to a drop in population.

Only Rhode Island, though, showed a statewide decline in the rural population.

While these populations growth figures signify real changes in where people are choosing to live, they can distort or mask more specific population trends if read too literally.

What's happening in rural counties adjoining large cities is a good example.

Metropolitan areas are defined as those having urban centers of at least 50,000 people. Adjacent rural counties are counted in these areas if they have certain metropolitan characteristics of growth, urbanization, and population density, and if 15 percent or more of the workers commute to jobs in the central county. More and more of

(Turn to Page A32)

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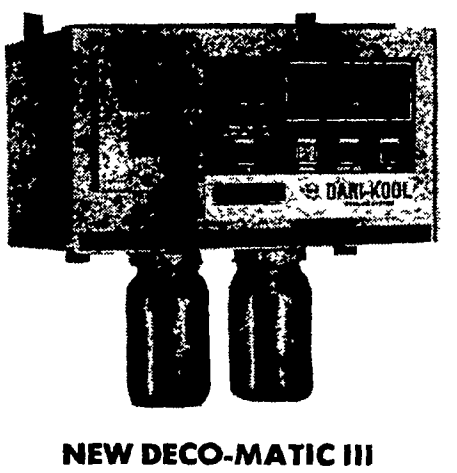

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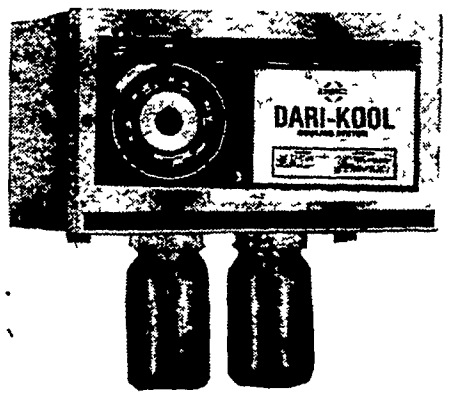

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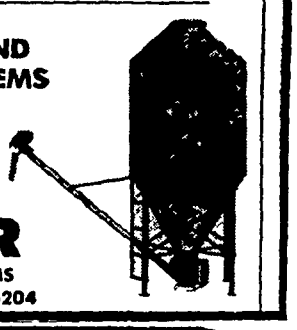

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Cattle dealer's license revoked

HARRISBURG — The Livestock Dealers and Brokers License of cattle dealer J. Richard Zimmerman of Plainfield, Cumberland County has been revoked from the period of April 17, 1981 through April 16, 1982, according to State Agriculture Secretary Penrose Hallowell.

Hallowell said the decision was based on the Finding of Fact and Conclusion of Law reported by a State Hearing Examiner. By law, Zimmerman was allowed 30 days to submit exceptions to the hearing examiner's report.

"Through revocation of his livestock dealers license," Hallowell said, Zimmerman has been ordered to stop buying, receiving, selling, exchanging, negotiating or soliciting the sale or resale of any animals during the suspension period."

In the fact finding summary, Zimmerman was found to have transported cattle without required interstate health certificates, removed cattle from the Zimmerman farm which had been posted for quarantine, and sold cattle before test results were completed.

Study farm taxes

WASHINGTON, D.C. — Farm real estate tax increases have been limited in recent years by efforts of a significant number of states to control property taxes reports the Economics and Statistics Service, U.S. Department of Agriculture.

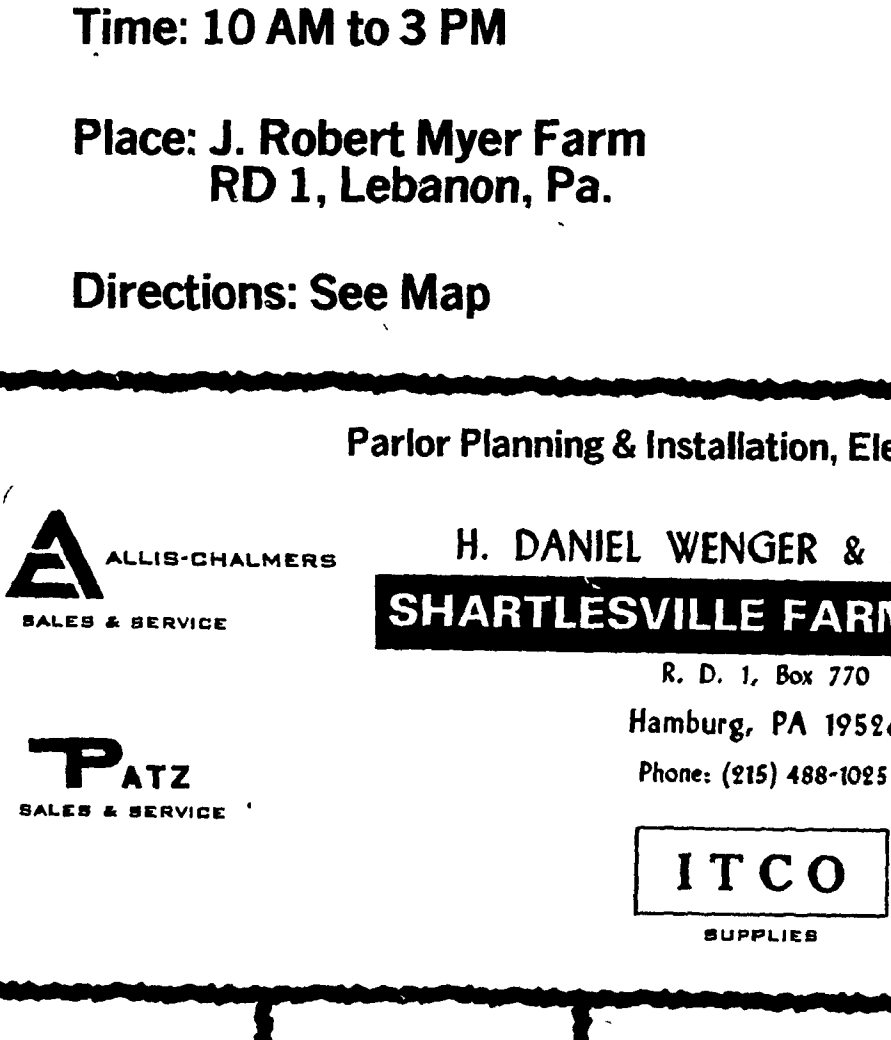
Differential assessment laws, circuit breaker tax credits, or property tax relief measures (such as California's Proposition 13) have been implemented in every state but Georgia and Mississippi.

In 1977, farm real estate taxes totaled an estimated $3,038.7 million, a tax per acre value of $3.34. However, mainly as a result of California's massive property tax reductions, total U.S. farm real estate taxes declined over $17 million to an estimated $3,021.6 million, a tax per acre value of $3.33.

Farmland taxes climbed again in 1979 to an estimated $3,232.5 million, a tax per acre value of $3.57. This seven-percent increased was partly because many localities were required by their state legislature to reassess land values. Increases in state and local property taxes are usually due to higher assessed values rather than to higher nominal tax rates.

Although differential assessment laws have helped to lower the assessed values on farm real estate, increased demand for farmland has kept real property market values high and thus increased assessed values.

Farmland market values have consistently grown at a faster rate than taxes on farmland. This explains the drop in the average effective tax rate for farmland from $0.70 per $100 market value in 1977, to $0.64 per $100 market value in 1978, and to $0.60 per $100 market value in 1979.



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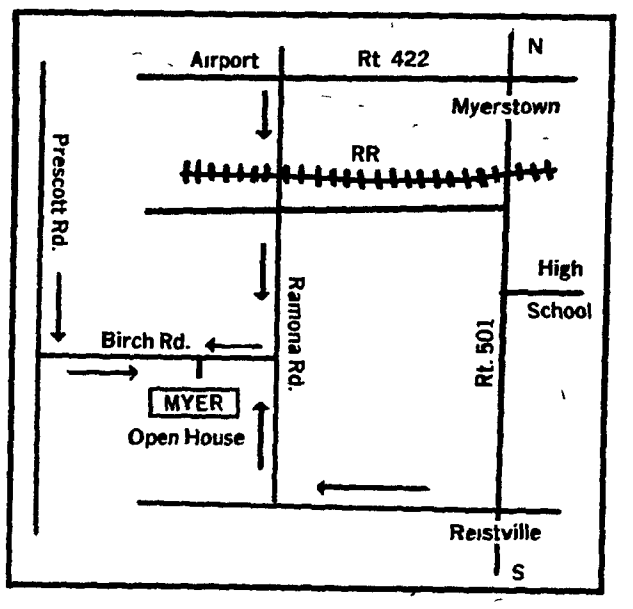

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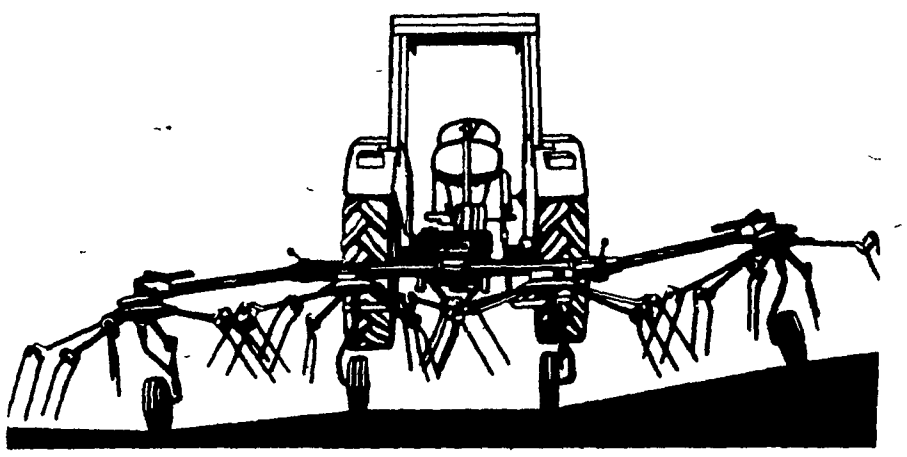

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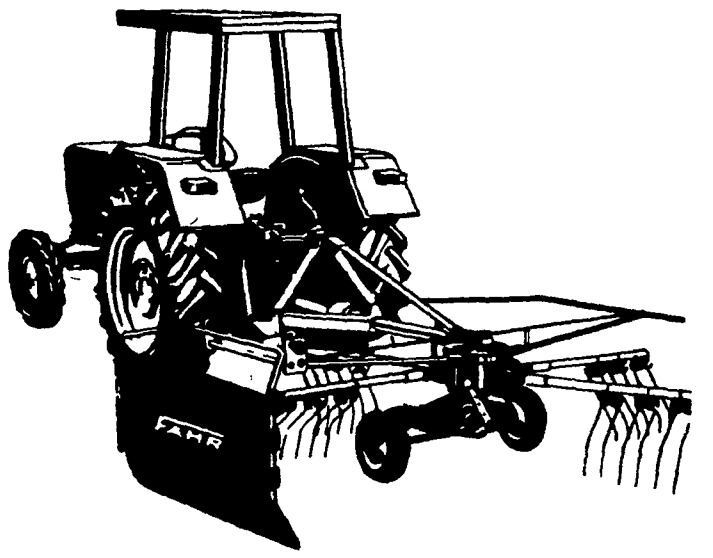

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Legislative Roundup

House Ag Committee says "Milk's the one"

HARRISBURG — Personal satisfaction must have swept through Joseph V. Grieco's mind on Monday when House Bill 1351, which designates milk as the official beverage of Pennsylvania, was unanimously and favorably voted out of the House Agriculture Committee.

Grieco, the Ag Committee chairman, introduced the bill, according to his office staff, after a discussion with three 4-H'ers from his 84th District (Lycoming, Northumberland-parts) who were touring the legislative halls in Harrisburg during 4-H Capital Days.

At their suggestion, Grieco checked with the Pennsylvania Department of Agriculture to see whether there was a state beverage. Finding none, Grieco drafted and sponsored the legislation proposing milk as the state beverage.

The bill is on the House agenda and should be voted on sometime in June.

Also voted favorably out of the House Ag Committee was Senate Bill 512, which amends the Pennsylvania Harness Racing Law. It too is on the House Calendar for its second reading and should be voted on next month.

A new introduction to the House of Representative is House Bill 1429. This legislation, introduced on May 12, will identify multiflora rose as a noxious weed.

HB 1429 was sponsored by Representative Samuel D. Hayes, Jr., a republican for the 81st District (parts of Blair, Centre, and Huntingdon) and House Majority Leader.

House Bill 1429 will provide the Pennsylvania Department of Agriculture with a way to establish weed control areas, make recommendations for control and destruction of noxious weeds, and help bring about the destruction of harmful weeds. The bill has gone to the Agriculture and Rural Affairs Committee.

"The multiflora rose, once planted as a cover crop for game and as hedgerows for fencing, has become a serious problem for many Pennsylvania farmers," Hayes stated. "House Bill 1429 will help the agricultural community control or destroy the multiflora rose and other noxious weeds."

This legislation has the backing of both the Grange and Pennsylvania Farmers' Association.

Senate Bill 161, introduced by Senator Clarence F. Manbeck (R-48th District) was passed by the Senate on May 5 with a vote of 48-0. This legislation, which deals primarily on transportation, was passed with an important amendment.

According to Linda Boyer of the State Grange, the farm organization has been working on this bill because the amendment allows for transportation of "implements of husbandry between farms with just a slow moving vehicle sign during daylight hours." She noted the present law requires lights.

She explained this legislative action resulted from a recent incident in which a Granger was arrested for failure to have lights on the back of his farm vehicle during daylight hours.

Since its unanimous acceptance by the Senate, the bill has moved to the House Transportation Committee.

Rural living

(Continued from Page A29)

these counties are being redesignated as metropolitan as people move out from the cities and commute.

The problem is that some of these counties that technically qualify as metropolitan actually have thousands of people still living in completely rural areas and small towns.

At the same time, the population count may be inflating the number of people living in truly rural areas. Some suburban counties that are fast absorbing the urban overflow don't yet qualify as metropolitan.

So what appears to be rural population growth is, in reality, urban expansion. In addition, the definition of metropolitan areas is being broadened, so some people now shown to be living in rural areas will soon be officially considered urban dwellers.

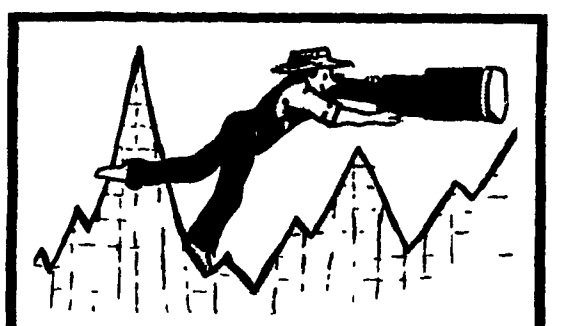
These subtleties of classification become significant when program funds are passed out. Census data help state and federal agencies distribute billions of dollars in benefits to 39,000 local jurisdictions. The growth in rural areas should bring them more seats in Congress, more money for health care and housing, and community development programs, and extended credit from federal lending sources.

But population figures can't tell the whole story about an area's needs. A growing suburban county that is beginning to experience the problems of the city—heightened unemployment, congestion, drug and alcohol abuse, need for expanded services—may still be ineligible for the benefits a city receives because it is officially regarded as rural.

In areas of metropolitan expansion, priorities can conflict, as when the newer residents call for more spending on schools or on roads to meet their commuting needs, expenses that the older residents may not think justifiable.

The other side of the problem can occur when a county is shown to have a low population density, and funds are allocated on that basis. But the services deemed adequate for the area may not take into account the distance people have to travel to obtain those services. In this case, the locality's specific needs are not met.

These problems aren't being ignored. A study of rural community facilities, in which USDA is participating, is one attempt to find better guidelines for awarding federal funds and credit. The study should help pinpoint which services are needed by and available to rural areas.



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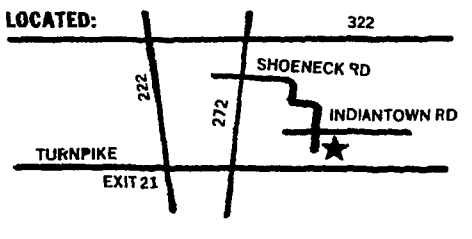

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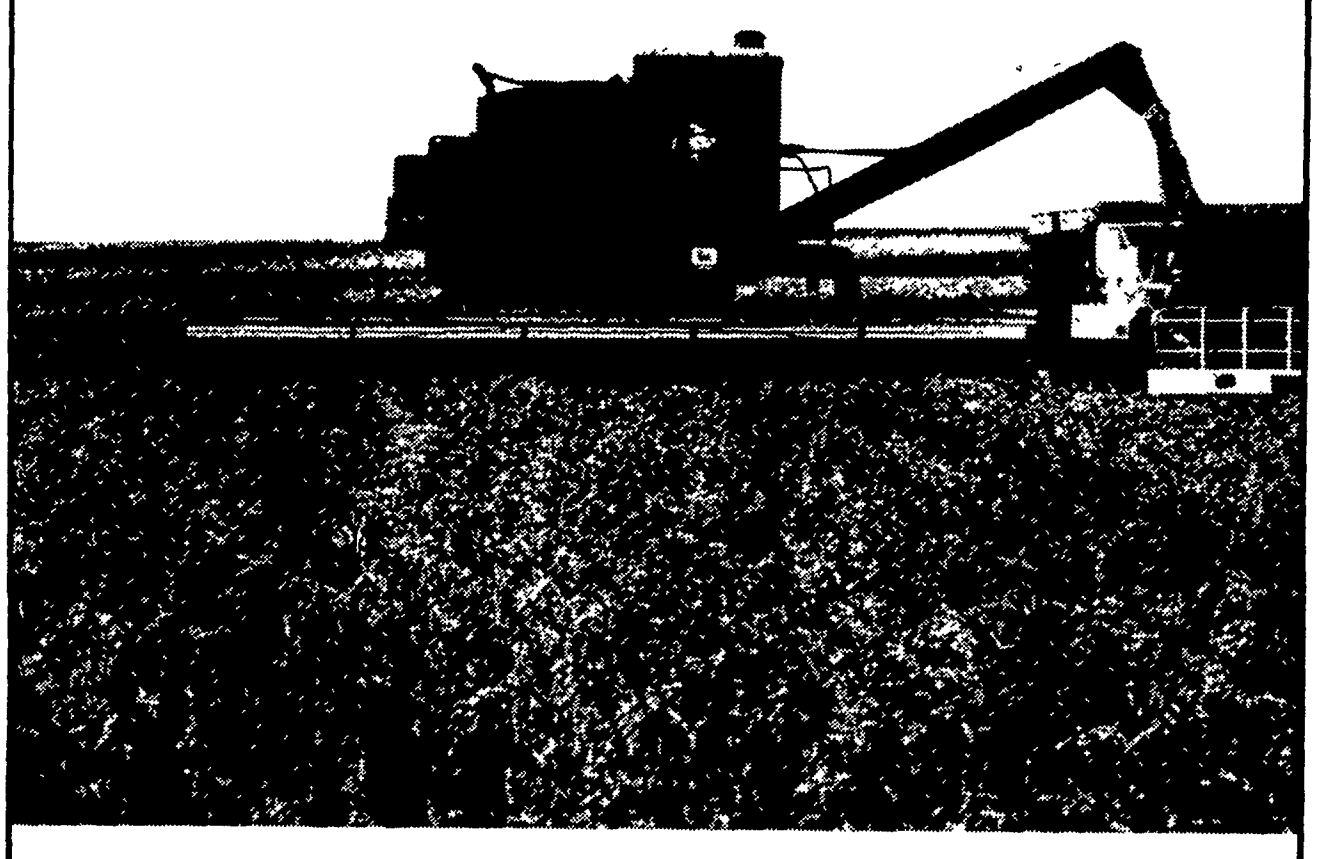

Chevron
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Adams Co. Fruit Growers tour Apple Valley Farm

BY M.H. GITT
Staff Correspondent

FAIRFIELD — Members of the Adams County Fruit Growers Association held their monthly meeting Wednesday evening after inspecting the orchards and equipment of Apple Valley Farms.

Among the features pointed out by host Phillip Roth were a solar system for heating water and a sloping electric fence designed to keep deer out of the fruit trees.

Of special interest was the solar system which has a collector consisting of 264 rubber pipes with a surface area of 544 square feet. Water is pumped from a 1320 gallon tank located in the basement of the house to the collector. The heated water returns to the storage tank inside which there are two heat exchangers made out of soft copper tubing.

One coiled tube, approximately 120 feet long, has water inside which is used for washing, bathing and other domestic uses and is heated by the water in the tank. Meanwhile, the water in the other coil is used to help warm the house.

"In the winter, on a sunny day, every hour of sunlight will provide one hour of home heating during the night," explained Roth.

Another addition Roth is considering is pumping the water from the tank to a processing plant for washing apples and other fruit. He admitted the most practical use of this system is for domestic heat and said he figures it will pay for itself in eight to ten years depending on how much fuel costs increase.

An increase should be seem in Roth's fruit production since the installation of a deer fence which he said will keep out 90 percent of the animals in the area. The combination of seven-high tensile wires, sloped at a 45 degree angle and electrically charged is the most effective fencing system, he proclaimed.

After the tour, the members gathered for their meeting which included reports from experts on what fungi and insects the growers should be on the look out for, as well as a report on apple thinning.

Extension Plant Pathologist Jim Travis reported that so far there have been three infection periods conducive to the growth of fungi.

Basing his information on data collected at the research laboratory in Biglerville, he noted that the first time was April 11 and 12. There was a heavy infection, but light spore load during this period.

The next spell was on April 23, which had a light infection due to low temperature.

The third time was May 9, and data shows a heavy infection and spore load.

After inspecting some orchards he noted he had found some lesions, probably due to the first infection period. Spores on these lesions only need a light rain to spread to unaffected leaves or trees. He strongly suggested growers keep applying fungicides at regular intervals to help prevent further infection.

Travis also reported he had found some Peach Leaf Curl in a few orchards, cases of Cherry Leaf Spot and some Fireblight. He said the worst cases of Curl were caused by lack of the proper application of fungicide. The Fireblight was due to the extended bloom period this spring when the blossoms were most susceptible to the fungus.

Robert Tetrault, Extension Service Entomologist, reported "few insect problems for fruit growers in the southern part of the state at this time." He pointed out insects that will be appearing soon and reminded growers to be ready to spray.

For peach and nectarine trees, he said, to be on the lookout for Green Peach Aphids and Peach Tree Bores; on apple trees check for Rosy Apple Aphids, San Jose Scale, European Red Mites, and Tufted Apple Bud Moths. The latter two insects should start to appear after petal fall. Tetrault reported the White Apple Leaf Hopper is showing some degree of resistance to certain types of organo-phosphate insecticides, but other pesticides would be effective in controlling them.

In response to a question concerning the Gypsy Moth, he noted that "I don't see a problem with the moth because current pesticides already in use will be adequate in controlling the Gypsy Moth and it wouldn't be necessary to use a certain pesticide just to get rid of the moths."

A presentation on chemically thinning apples was given by George Greene, an Assistant Professor of Pomology from Penn State, who works out of the research lab in Biglerville. He said there are two reasons for thinning apples. One is to get larger apples this year and the other is to try and get a uniform crop every year.

With the aid of a chart, he explained juvenile apples with a diameter less than three-eighths are too small for thinning. Fruit with a diameter between three-eighths and seven-sixteenths are the best for thinning, while juvenile apples with a diameter between seven-sixteenths and nine-sixteenths are fair size for thinning. Anything over that is too big.

Larger apples this year can be obtained by removing the side apples and leaving the middle, or "king blossom", as the main apple, he explained. Also by cutting down on the number of apples, a more uniform crop can be made for next year.

In other business, Larry Yager, the area marketing agent from the extension service, reported the Cherry Administration board has decided to sell 40 percent of the tart cherries being held in the pool. The price to the growers will be $.653 per pound for Grade A cherries and $.52 per pound for Grade B. He also noted the freezes have made it difficult to determine the size of the apple crop, but by next month, there should be enough information to form a clearer picture.

Indications of a good peach crop in South Carolina have come in and a heavy merchandising campaign will start to try and move the fruit. Also information shows that the public is leaning toward fresh fruit instead of processed fruit and that a lot of processors are getting ready to meet this demand, he said.

In other business, County Extension Agent Thomas Piper reported the state horticulture tour is scheduled for June 24 and 25. The next Fruit Grower's meeting will be held June 17 at Rice & Rice Orchards.

US — Nigerian ag committee to meet

WASHINGTON, D.C. — Members of the U.S.-Nigerian joint agricultural consultative committee will meet in Lagos, Nigeria, beginning May 31 to discuss private agribusiness participation in agricultural development in Nigeria on a joint venture basis.

According to Quentin West, director of the U.S. Department of Agriculture's Office of International Cooperation and Develoment, the cooperation between USDA and the private agribusiness sector in this country is a new approach to assisting developing nations.

The two countries also have agreed to participate in agricultural research and the exchange of related information. West said the program in Nigeria could serve as a model for similiar cooperative efforts in other countries.

West said the program illustrates how government-to-government relationships arranged by the United States can open doors for private business. The private sector can concentrate its resources on establishing and operating business. It can also help make U.S. companies more competitive with rival firms from other nations, some of which receive government subsidies for foreign development activities

Former Secretary of Agriculture Orville Freeman is chairman of the U.S. delegation; Mallim Joda, former Secretary of the Nigerian Ministry of Agriculture, is chairman of the Nigerian delegation.

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ORTHO PARAQUAT CL

Gypsy moth

(Continued from Page A1)

introduced and were quite effective in controlling the pest."

But as the parasites significantly reduced the gypsy moth population, they literally ate themselves right out of existence. A collapse in the parasite numbers followed the reduction in the population of the gypsy moth.

"Now, nature will need to rebuild the parasite numbers," Nichols said.

"There's always a year or two of lag time between the two.

"There will likely be another significant problem next year and by 1983 it should be reduced significantly."

Actually, the gypsy moth hatch began about the 10th of April, but cool weather retarded their developement along with leaf growth on which they feed.

It's only been in the last week or so that they started to become evident and will feed during the next eight weeks.

When they reach full size and really put their appetites to work later in June, an area of forest can be defoliated seemingly overnight.

The state spraying program, which is being conducted in cooperation with counties, was launched about a week ago.

It is being confined to forest-residential areas in which homes are located or recreational sites.

Some 175,000 acres across the state are due to be sprayed by mid-June.

Out of that total, approximately 100,000 acres are found in Pike and Monroe counties and the remainder is spread out among 25 other counties.

For example, only about 800 acres are due to be sprayed in Lancaster County.

The state is utilizing Dylox in its spraying program. But homeowners wishing to spray would likely need to utilize Sevin, which is also injurious to honey bees.

Block launches drive

WASHINGTON, D.C. — Secretary of Agriculture John R. Block announced an intensified campaign to expand grain exports to five target countries believed to represent a growing market potential.

The five countries, which already take 12 million tons of U.S. wheat and feed grains annually, are Algeria, Brazil, Chile, China and Morocco. Block said the new program will be extended to other markets when plans are developed.

The first step will be several high-level consultations with officials of the target countries, Block said. Names of team members and a schedule of meeting places and dates will be available within a few days.

Expanding export initiatives will help counter the competitive threat generated by the recent embargo on U.S. agricultural exports, he said.

"Other countries have increased production, causing greater competition for U.S. grain in world markets," he said. "We are seeking to restore our competitive position and enhance our reputation as the world's most dependable supplier."

Block said the visits should result in specific plans for expanding trade servicing, improving credit programs, and determining quantities of U.S. grain to be purchased in the 1981-82 marketing year.

The expected large supplies of U.S. grains this year "make it essential we explore every promising avenue for expanded exports," Block said. "Only by exporting to the maximum can we raise the level of farm income."

He said stepped-up high level contacts with foreign countries also would involve personal invitations to ministers and other officials to meet personally with Block and his staff in Washington.

Ag Area bill

(Continued from Page A1)

economy and Pennsylvania citizens.

"The establishment of an area by farmers and local government officials would give the farmers reasonable assurance that they would continue to farm without undue harassment."

The summary continues to define the limits of the Agricultural Area Bill.

— "no municipality or political subdivision shall enact any laws or ordinances which would unreasonably restrict or regulate the operation of a farm located in the area;

— "the policy of state agencies shall be to encourage the maintenance of farming in the area;

— "land in the area shall be protected from condemnation by public agencies, unless approved by a Agricultural Lands Condemnation Approval Board; and

— "counties may purchase development easements within an agricultural area."

These voluntary ag areas are not necessarily permanent, the summary points out. It notes local governments can terminate the area after seven years and a land owner can withdraw from an area after a like time period.

"The continued existence of an agricultural area would be up for review every seven years. Landowners who want their land withdrawn or included in the area must notify the governing body at least 120 days before the end of the seventh year.

The review procedures would include recommendations from the planning commission and the Advisory Committee, and a public hearing. The governing body could then either continue the area as is, modify it, or terminate it. Aggrieved parties would have the right to appeal the decision within 30 days.

"This legislation can be beneficial to farmers," Wenger concluded, "but I don't expect there'll be a stampede to sign up for ag areas."

Extra Ridomil use approved for seedbeds

LANCASTER — Approval has been granted for additional use of Ridomil in tobacco seedbeds to provide increased protection against blue mold disease.

Announcement of state label approval for the expanded use in seedbeds was made this week by John Yocum, superintendent of the Penn State Southeast Research Lab at Landisville; Lancaster County Agent Arnold Lueck and representatives of the Ridomil manufacturer, the Ciba-Geigy Company.

The supplemental labeling of Ridomil 2E provides for the foliar application to be made only after 70 days following the first treatment made at the time of the seeding of the tobacco beds.

The dosage rate of the additional Ridomil calls for one tablespoon to be put on 150 square yards of bed area, or 350 square feet. This rate figures out to one teaspoonful for each 450 square feet of seedbed. Apply in enough water for even distribution over the seedbed.

Growers are also advised to continue use of the regular seedbed fungicides – Ferban, Maneb, Zineb or Mancozeb – on their seedbeds. This extra precaution, plus the Ridomil, should provide adequate seedbed protection against both blue mold and anthracnose.

It is important to keep the regular fungicides in the spraying program, the agronomists recommended.

The new local needs labeling permits applying the extra Ridomil every seven days until field transplanting is completed.

"Growers have been displaying excellent cooperation in the efforts against blue mold," County Agent Lueck said.

"But we want to stress that this is not a time to relax the guard against the disease.

"Weather conditions will largely determine how much a factor the disease will become again this year. We've been getting some damp, rainy weather and should be careful not to ease up on the protection."

The special state labeling now expands the Ridomil protection throughout the seedbed phase of the tobacco plant's development.

Previously, a single soil application had been approved at the time of seeding, but the protection from this application did not extend through the entire seedbed phase until the plants are scheduled to be transplanted.

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Don't over-fertilize vegetables

PENN STATE — Be cautious in applying fertilizer to vegetable croplands and gardens already rich in plant nutrients. You could waste time and money, research indicates at Penn State University.

Of 110 vegetable crop experiments in 19 counties over several years, 38 showed no response to fertilizer. This indicated good reserve supplies of nutrients already in the soil, reported Cyril B. Smith, scientist in plant nutrition with the Agricultural Experiment Station at Penn State.

"Chances are good that most commercial vegetable growers, and home gardeners too, have 'soil banks' rich in plant foods, ready to supply a high percentage of vital nutrients," Smith stated.

In describing sweet corn studies, he said lime supplied or made available 40 percent of the nutrients needed beyond those already in the soil. Thus, with a good liming program, the grower is nearly half way toward the goal of supplying needed plant food, he observed.

He pointed out that high calcium limestone is generally superior to dolomitic (high magnesium) limestone in producing vegetables and that it costs less. Although dolomitic lime is an excellent source of magnesium, it supplies very little calcium, if any, despite a calcium content of 21 percent.

He advised applying dolomitic lime only when magnesium is quite low in a soil test. Magnesium should be applied in lime, he recommended; not in more costly fertilizers of foliage sprays.

"What is often needed is not a

(Turn to Page A39)

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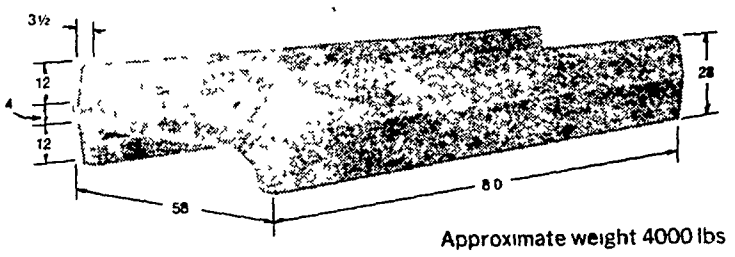

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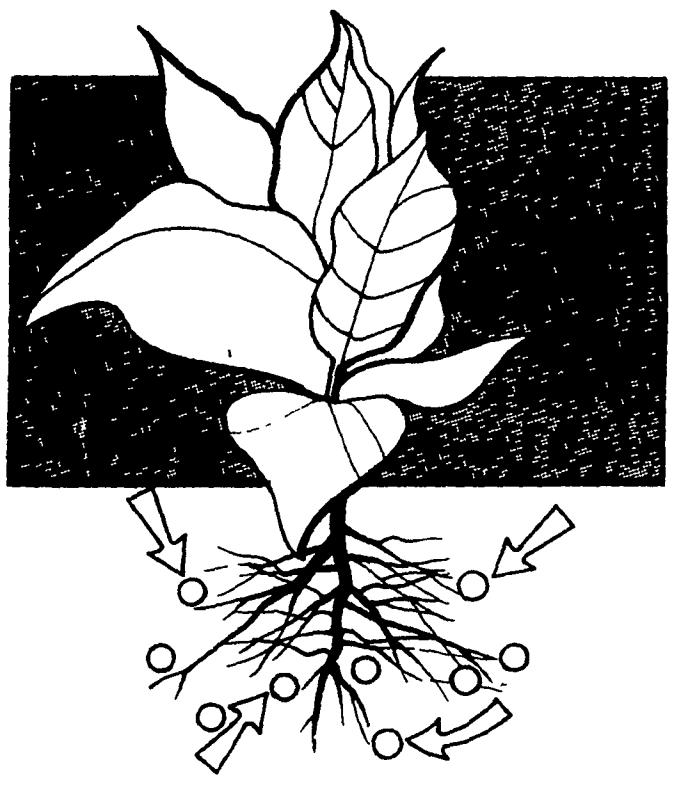

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Ryelage harvesting on upswing

LANCASTER — Was there more ryelage harvesting than usual in Lancaster and surrounding counties this year?

If the number of choppers – both pull-type and self-propelled – spotted in fields recently is any indication, the cutting of rye for silage is definitely up.

John Baylor, Extension agronomist at Penn State, echoes the observation.

"I haven't seen any figures or data but I would expect that due to last season's drought and the resulting shortage of feed, a lot more farmers planted rye as a winter cover for chopping this spring," he said.

With the double-cropping of the rye in corn fields, these farmers not only got added production efficiency out of their fields, but got a head start on the refilling of silos, whose drought-diminished levels were drawn down more than usual over the past winter.

"Rye is about the best cover crop for this area," according to Baylor, "because it is more resistant to atrazine than the other cereral crops."

But there are a couple of tricks-of-the-trade that are important in the harvesting of the ryelage, Baylor added.

First, the rye should be harvested at the proper stage of development. The best time for cutting, to get top protein and highest digestibility, preferably with a mower-conditioner to aid the wilting, is just before the rye heads. It then can be wilted to about 55 percent moisture before ensiling.

After the rye heads, its value as a feed drops quite significantly, along with its in-take by the herd.

Also, since rye is a hollow-stemmed plant, it's recommended that good silage-making practices be followed, including a fine chop, effective packing and fast, proper sealing in the silo.

The level of wilt needs to be watched since over-wilting causes an excessive loss in weight and makes good packing even more difficult.

As far as the feeding is concerned, ryelage likely will need to be supplemented according to the nutritive value of a particular harvest. It provides higher protein than corn but less than alfalfa certainly. It is also lower in energy than corn.

In general, cereal crops harvested as silage have lower nutritive value than the legumes and corn and will need to be supplemented.

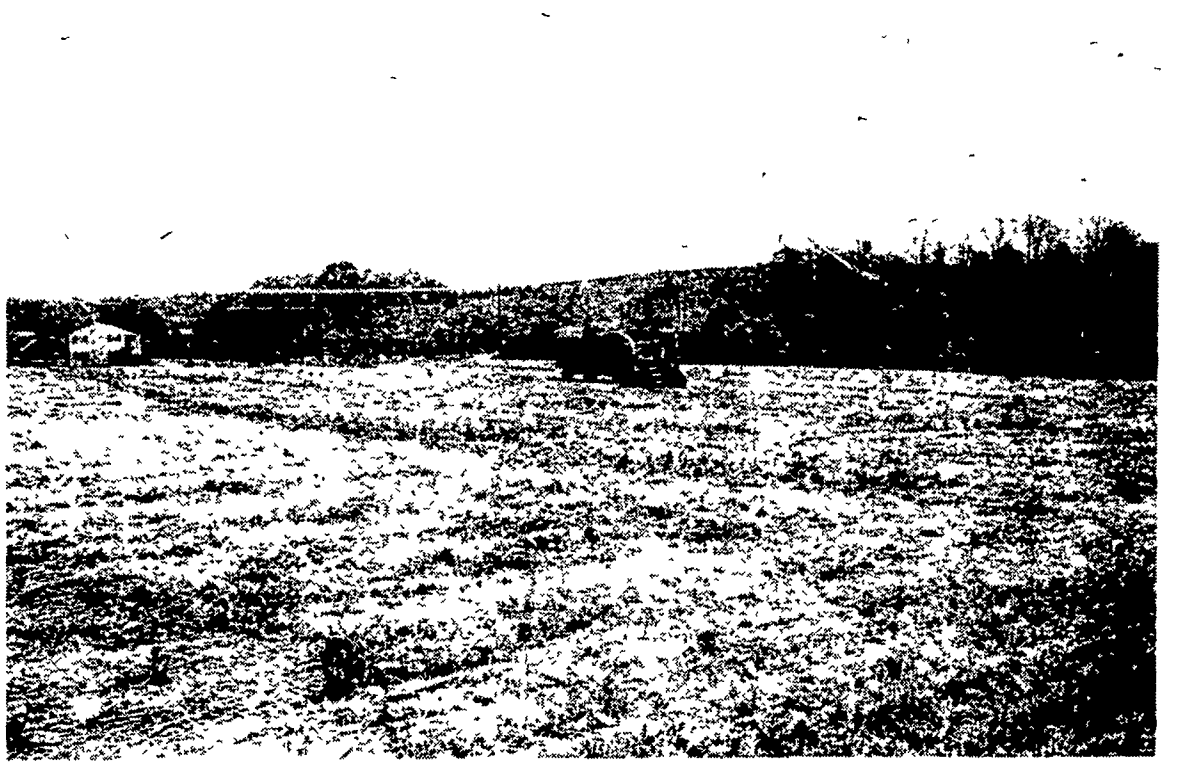
Will the harvesting of ryelage become an increasing trend in the future?

There are several indications that it may.

First, last year's drought-plagued growing season showed that the harvesting of rye or other cereal crops can provide a good head start at replenishing supplies.

As more and more emphasis is placed on preventing soil erosion, the importance of rye as a winter cover sandwiched between corn crops will correspondingly increase.

Finally, today's farm economics more and more are dictating that existing land resources be utilized as efficiently as possible. And double-cropping rye and corn is one way to get that added value.—DA



This harvesting scene of chopping rye for silage was quite common in Lancaster and surrounding counties recently as farmers sought to get a head start on replenishing their drought-diminished feed supplies. Increasing concern over soil erosion is also boosting rye as a winter cover between corn crops.

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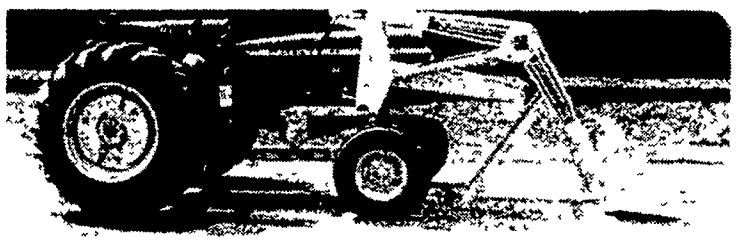

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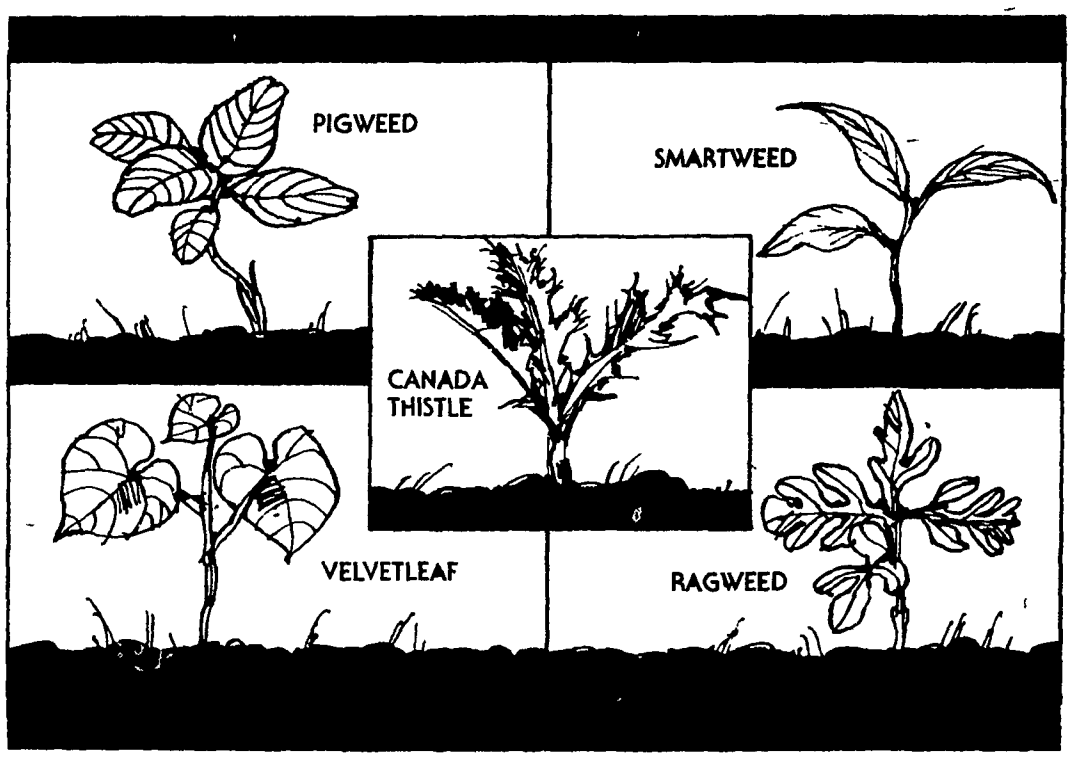

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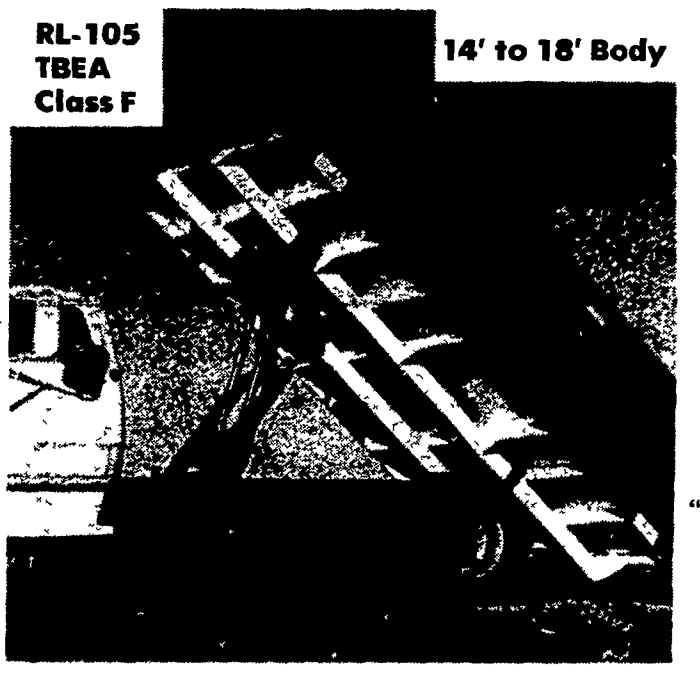

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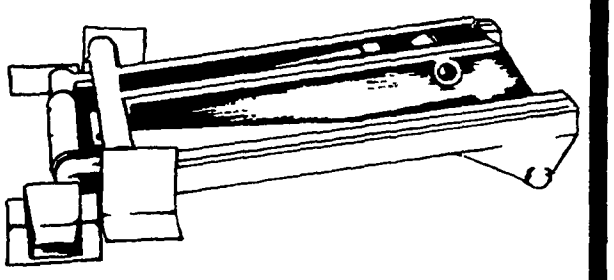

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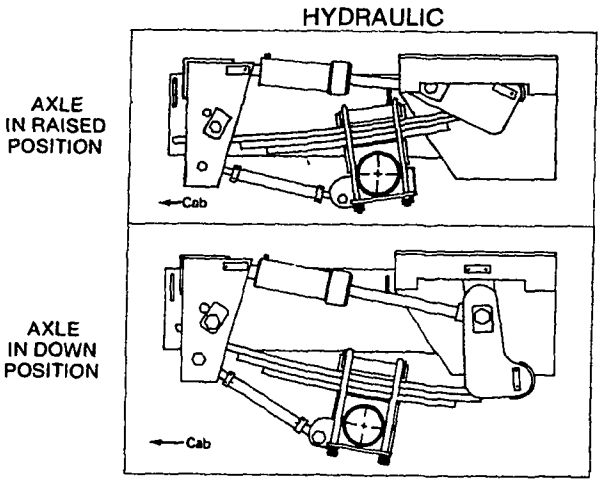

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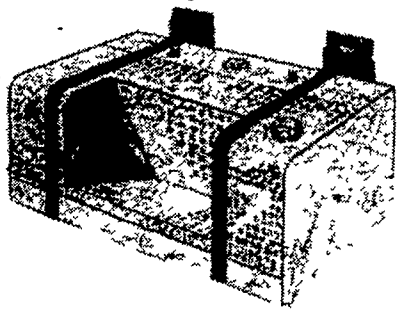

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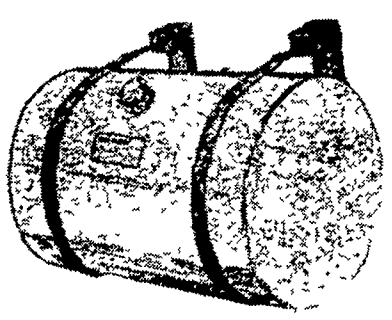

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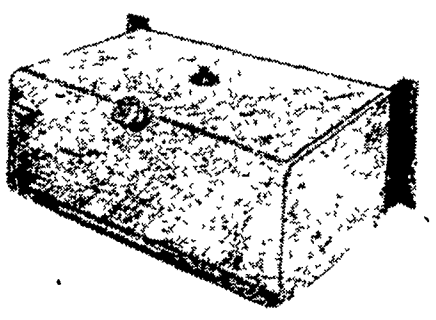

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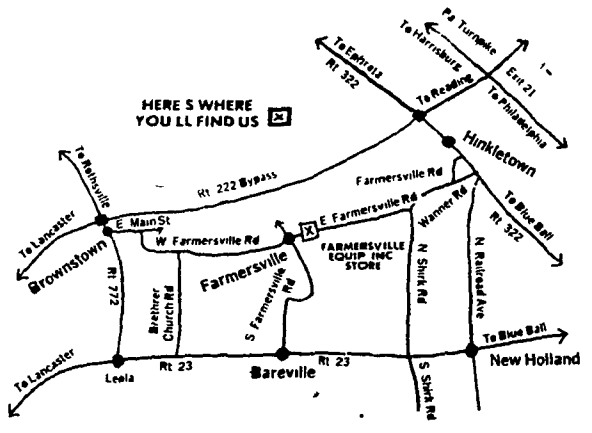

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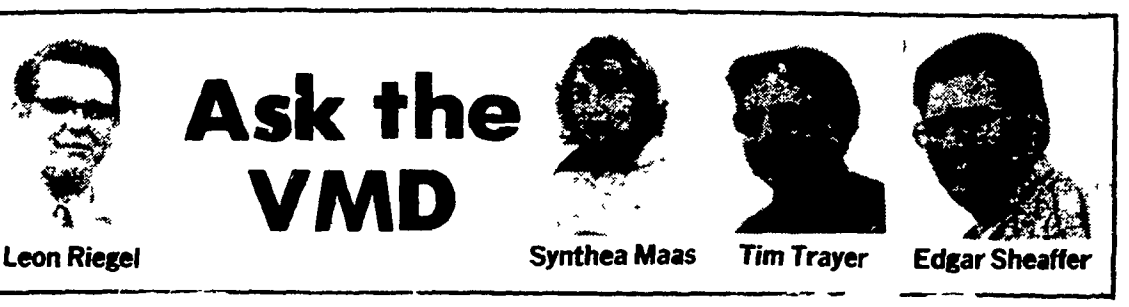


Wormer in milk?

A reader asks:
Does wormer, TBZ and/or Tramisol, given to a nursing doe also worm the young through the milk? How does it affect the milk as far as giving it to dogs, cats and chickens? Does it act as a wormer for them also?

Dr. Riegel comments:
Wormer that is administered to a nursing doe does not worm the young through the milk. Although a small amount of the wormer given to a doe will come through in the milk, the amount is so small it would be ineffective as a wormer in anything which might drink the milk.

As far as giving the milk to dogs and cats, it probably will not harm these animals unless there may be some allergy to the medication. But again, as a wormer, the same applies — mainly, quantity of wormer in the milk is too small to affect any parasites in an animal drinking the milk.

Shooting shots

A reader asks:
When I have to give my cattle IM shots, I generally put them in the neck. Sometimes, however, with all the loose skin, I can't tell if I'm far enough in the muscle or just through the skin. If I'm not far enough in the muscle, will the medication still work? The needle is about an inch long.

Dr. Riegel comments:
Whether the medication still works depends on the type you're administering.

There are some medications that work just as well or sometimes better if given subcutaneously (just under the skin). On the other hand, there are some medications which must be given deep intramuscularly.

This brings to mind a case I had a few years ago.

One of our clients had several cattle which died, and on post mortum exam had clostridium (bacterial organisms which grow in the absence of air) in a large bruised area in the hind quarters.

After much questioning, it was found the client gave iron shots (very irritating substance) with a half inch needle. The medication was barely getting through the skin and definitely not deep in the muscle where it belonged.

The irritating substance caused a large bruised area, creating a perfect media for bacteria to grow.

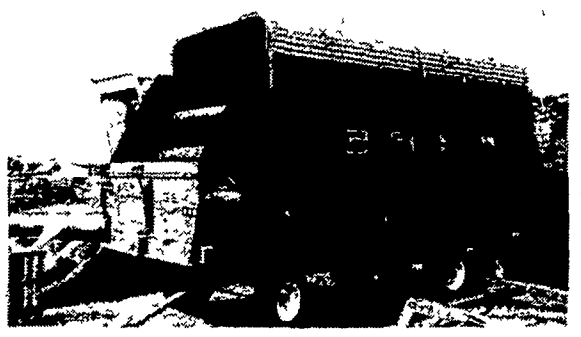
The loose skin in the neck makes a perfect area for subcutaneous injections. But for injections which must be put in the muscle, a 1½ inch needle is needed to assure the medication is getting in the muscle.

Perhaps another site could be considered for these types of shots, such as the top of the rump or another part of the rear quarter.

JOHN DEERE

HAY and GRASS TIME...

AGWAY



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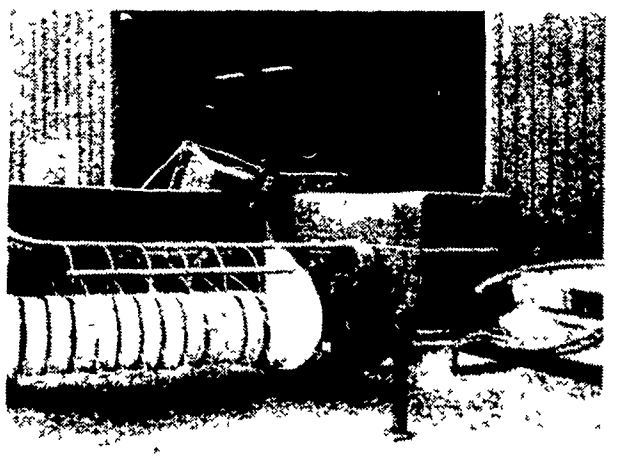

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John Deere 24T with SOLD	$1575
Massey Ferguson 124T with Thrower	$2500
International 430 with Thrower	$2500
International 440 with Thrower	$3495
International No. 27 Baler	$ 995
New Holland No. 16 Baler	$1495

Rotary Cutters!

JOHN DEERE UNI-BODY ROTARY CUTTERS

JD 506 5', 3 Pt. Hitch List $905	SALE $675*
JD 606 6' Trail - List $1641	SALE $1325*
JD 709 7' Trail - List $2448	SALE $1750*

BUSH HOG ROTARY CUTTERS

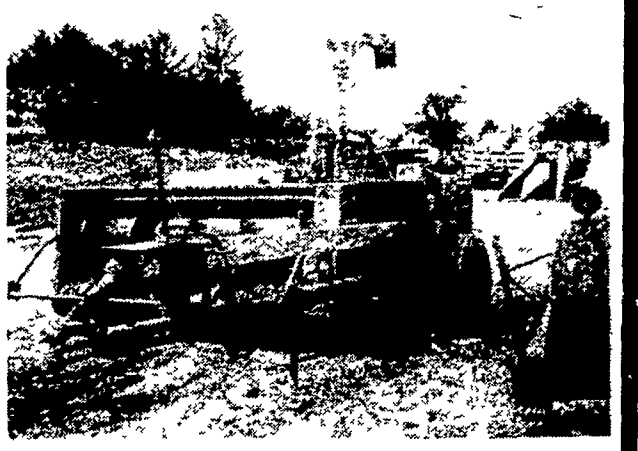
BH 206 R 6', 3 Pt. Hitch	SALE $1125
BH 206 R6', Trail List $1535	SALE $1295*
BH 207 R 7', 3 Pt. Hitch List $1840	SALE $1575
BH 207 R 7' Trail List $2475	SALE $1960

• Knocked Down - FOB Shop

JOHN DEERE 800 WINDROWER
11 ft. With Conditioner, Engine Overhauled $3750

GEHL 72 6-Ft. FLAIL CHOPPER
Used One-Half Season - Like New SALE $2,500

GEHL 72 6 Ft. FLAIL CHOPPER
New, KD, FOB Shop SALE $3,995



FOX 3310 FORAGE HARVESTER
With 7 Ft. Pickup and 2 Row Narrow Corn, Electric Knife Sharpener
Excellent Condition $5750

JD 3800 Forage Harvester	$3650
Fox 3000 with 6' Pickup & 2 Row Narrow Head	$4500
New Idea 702 Uni-Harvester with Chopper	$7500
Fox 3005 with Corn Head	$5250

JOHN DEERE

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Area Codes 201, 301, 302 & 609 Call Toll Free...800-523-9323

AGWAY

Vegetables

(Continued from Page A35)

whole range of plant foods in large amounts but small quantities of certain nutrients to balance out the crop needs," he commented.

When in doubt about the extent of nutrients already available, have the soil tested, Smith advised. The greatest efficiency takes place, he added, when just enough fertilizer is applied to satisfy current nutrient needs.

He claimed good responses came with small amounts of fertilizer, in general, at many of the test sites. This included 25 pounds per acre of nitrogen and 60 pounds per acre of phosphate for snapbeans and sweet corn banded along the rows. Tomatoes produced their best yields with 50 pounds per acre of nitrogen, 120 pounds per acre of phosphate, and 60 pounds per acre of potash also banded along the rows. Potash usually gave good results with tomatoes but not with snapbeans or sweet corn.

"The first small quantities of fertilizer usually give the highest possible response from vegetables," he said. "Our experiments also showed the best results when fertilizer was banded along the rows, instead of being spread over the entire field or garden. With banding you cut your fertilizer use in half, he noted.

Most of the soils tested in the 19 counties were well supplied with potash. This fertilizer is effective in small quantities, it was pointed out. Excess potash, however, restricts uptake of magnesium, as well as calcium and phosphate, and should be avoided.

MF brochures available

DES MOINES, IA. — New product brochures on soil moving equipment and portable high pressure washers are available from Massey-Ferguson.

The soil moving equipment brochure provides information about the MF 227 fully adjustable rear blade, MF 226 rear utility blade and MF 18 four-in-one scarifier scraper.

The portable high pressure washers brochure includes six models: the MF 7500, MF 7550, MF 7650, MF 7700, MF 7750 and MF 8110.

Copies are available from Massey-Ferguson dealers.

PUBLIC AUCTION

of Millwork Shop & Tools
SATURDAY, MAY 23
10:00 a.m.
Location: Going south of Frederica, Del. on Rt. 113, turn left on Road 120 (1st road on left south of Bridge), 1st on left.

Curtis 10 hp. air compressor, Beech 805 table saw, Cresent 18" planer, Dependable 24" planer, Newman 10" moulder, 16" L. Powers joiner, Oliver model 94 straight line cut off saw, old sash machine, 36" Knife grinder, Walker Turner band saw, Wallace spindle shaper, blue print machine, 10 hp. blower, Tenon machine, mortise machine, 6" joiner, 10" table saw, Belsaw grinder, Coca Cola machine, Pepsi machine (needs comp.), 4 wheel shop dollys, carrier heating and air, electric motors (1 to 40 hp.), sanders, electric and air hand tools, gas and electric furances, air hose & fittings, dust collector, 6 cyl. Ford motor, pipe, pipe clamps, nail guns, c clamps, file cabinets, saw blades, carbide auto heads, shop vac, wood stove, spray equipment, water cooler, conveyors, moulding heads & Knives, new flooring knives, overhead door moulder knives, trans. belts, band saw blades, storage cabinets, air conditioner, 27' cabin cruiser, and many other items.

Terms: Cash, traveler's check, or current letter of credit from your bank.

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Owner

Wilson's Auction Sales, Inc.
Dave Wilson, Auctioneer and Sales Manager
Glenn Watson, Jr. Auctioneer
422-3454 or 856-2110

SHORT NOTICE
PUBLIC SALE

Two Tracts of Real Estate
Of The Estate Of The
Late Carrie Kauffman
MEMORIAL DAY,
MONDAY, MAY 25, 1981
1:00 P.M.

On the premises at R.D. #1, Windsor, PA. Corner of Rt. 624 and Adair Rd., between Windsor and Martinsville.

TRACT #1

15 A. Farm; approx. 10 to 12 acres tillable and the balance woods and building area. Improved with a 2½ story frame 3BR home. Slate roof. Oil hot water heat. Good cond. Other bldgs. include a good bank barn w/stables below and a barnyard. Also a garage, corn crib and a small poultry house. Road frontage. Good location. Great potential.

TRACT #2

30 acres of unimproved land. Approx. 25 acres wooded, the balance is being tilled. Road frontage. Potential for sub-division. This tract subject to prior sale. To inspect, phone auct. at 717-244-8511 or Bank Trust Dept. at 843-0861.

REAL ESTATE TERMS: 10% down payment on day of sale. Balance in 60 days at settlement.

Executors:
SO. PA. BANK TRUST DEPT.
MRS. MARGARET MELLINGER

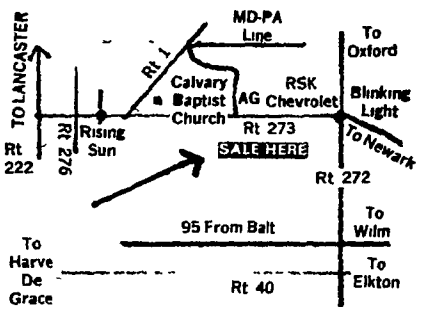
Attorney:
Samuel S. Laucks
Auctioneer:
Thomas H. Sechrist

NOTICE

The Producer's Price Assoc. Inc. Sale that appears on pg. D22 of this issue will begin at 10 A.M. on both Wed., May 27 and Thurs., May 28.

Sanford Alderfer Inc., Auctioneers

ANNUAL
SUMMER AUCTION



OF USED & NEW
FARM EQUIPMENT &
LAWN & GARDEN EQUIPMENT

THURSDAY, JUNE 4,
10:00 A.M.

TRACTORS
I.H. 300 G
I H. 400G
AC 190D
AC 5040 w/Loader
MF 165D
JD 1010 Crawler/Loader
AC 5040 40HP NEW
FORD 8N w/Loader
FORD 861 G
AC 715 Backhoe

BALERS
NH 320 w/thrower
NH 273 w/thrower
NH 282 w/thrower
NH 269 wo/thrower
NH 268 w/thrower
NH 270 w/thrower
NH 1012 Bale Wagon

FORAGE HARVESTERS
NH 1880D SP Hydro w/NEW Cat. Eng
JD 3800 2RW & WPU
NH 892 w/Metal Detector (NEW)

MISCELLANEOUS
NH Trencher T330
(2) NI Forage Wagon
NH Unload Wagon
(2) 3 PT Blades
(2) H&H Bale Wagon w/18 ft. Pipe (NEW)
BADGER 16' Tandem Forage Wagon

SKID STEER LOADERS
NH G L-775
NH G L-425
CASE 1530B

HAYBINES & MOWER COND.
NH 1469 Ford Eng.
NH 1495 12 ft. S.P.
NH 495 12 ft P T.
NH 479 9 ft. P.T.
JD 15A Flail Chopper
MC 9 ft. Rotary Scythe
NH 488 Haybine (NEW)
NH 489 Haybine (NEW)
NI 279 9 ft. Cutditioner

MOWERS
C114 Woods (NEW)
208 Woods (NEW)
C80 Woods (NEW)
NH 450 Mower
Bush Hog
Woods Bat Swing

MANURE SPREADERS
NH 365 Tank
NH 368 Tank
NH 362 Tank
NH 213 Box (NEW)
NH 519 Box (NEW)
NH 679 Box (NEW)
NH 368 Tank (NEW)
NI 213 (NEW)
NI 214 (NEW)
NI 243 (NEW)
NI 224

RAKES
NI Wheel
Vicon Wheel
(2) NH 256 (NEW)
PEQUEA Tedders 8 & 12 FT NEW
BRILLION 6 FT

CORN PLANTERS
FORD 2R 3 Point
JD 4R NO TIL
JD 4R Conv
IH 4R 400 Cyclo
WHITE 6R No Til Air
AC No Til

TILLAGE
10 ft JD Disc Transport
BRILLION Transp Harrow

COMBINES
NH 995D w/cab
AC GKS D w/cab
MF 410G w/cab

GRINDER MIXERS
JD 750
GEHL 95
NH 353 NEW

LAWN & GARDEN
AC 616
IH 71
SIMPLICITY 4141
KUBOTA B6000 Diesel w/Mower

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES

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FORKLIFT & DOCK AVAILABLE FOR LOADING. SALE ITEMS MUST BE MOVED WITHIN 15 DAYS FROM DATE OF SALE

WISE'S COUNTRY AUCTION

SATURDAY EVE., MAY 16
7:00 P.M.
Located 4 miles south of Strasburg, PA at the White Oak Camp Ground.

New boy's AMF 5 speed bike, super fresh groceries, carefree gum, cashews. Summit and Granola bars, groceries in case lots, baby food, vegetables, baking chocolate, Lux liquid and etc.

Terms By, **GEORGE H. WISE, JR.**
Elvin Siegrist, Auctioneer
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PUBLIC SALE

85 Acre Farm, Household Goods, Antiques
FRIDAY, MAY 29
4:00 P.M.
Located between Schnecksville, New Tripoli, 1 mile east of Pleasant Corners, turn off Rt. 309 onto Crause Rd. to the farm, Lehigh Co., PA.

Real Estate

Approx. 85 acres, mostly tillable for crop farming to be offered in separate parcels or entirety. A large frame 4 bedroom house, barn, outbuildings and fruit trees.

Terms - 10% day of Auction, balance by August 1, 1981.

For more details and inspection call auction company 215-395-8084. Full ad later.

Ordered by,
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WHERE FARM EFFICIENCY BEGINS...

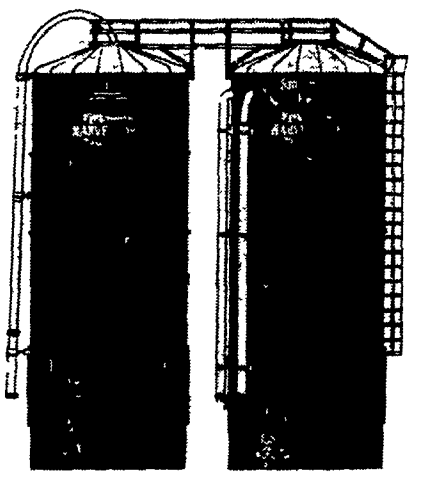
From the time your HARVESTORE® Structure begins as a steel coil unit its construction on your farm, people trained and experienced, handle the unit with professional care.

Glass-fused-to-steel sheets are carefully removed from the glass coating line and stacked on pallets to await shipment

Heavy steel rolls weighing 13 to 20 tons are the raw material from which Harvestore structures and Slurrystore systems are manufactured.

FEATURES

* Glass-fused-to-steel.
* Breather bags.
* Steel floor.
* Permanently mounted center fill pipes.
* Galvanized steel spiral-wrapped blower pipe.



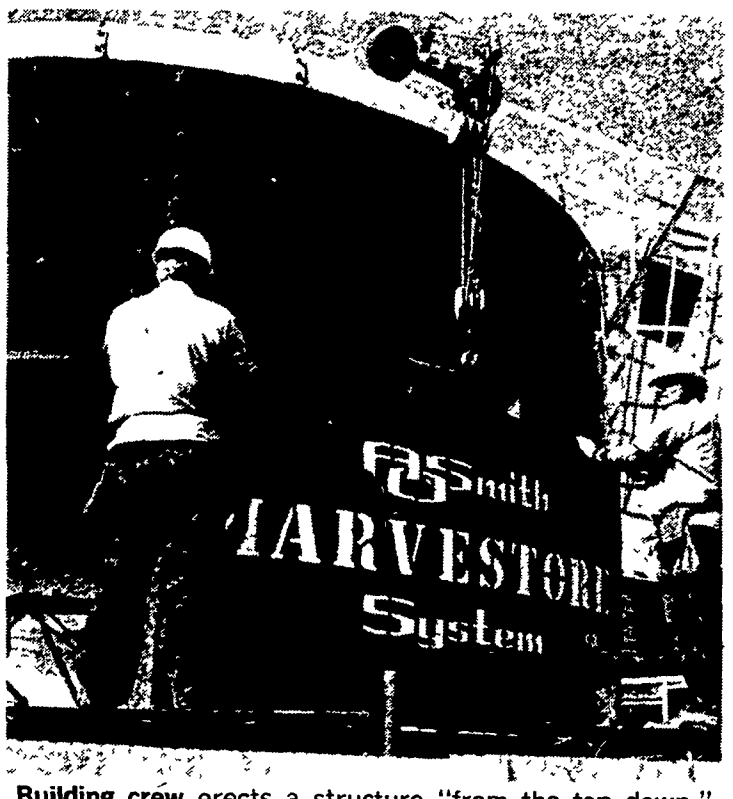
OPTIONS

* External breather system.
* = Side entry fill
* = Ground control system.

Harvestore s breather bag system is the secret to maintaining an oxygen limited environment As temperatures rise and fall any feed storage structure must breathe to equalize pressure In conventional systems this means that air enters the feed with every daily cycle

Loaded trucks each carrying a Harvestore structure or Slurrystore system, prepare to leave DeKalb for farms and ranches in all parts of North America.

Cross-section view shows how sheets are joined together Sealer flows between sheets and around plastic-capped bolt to assure a tight joint.



Building crew erects a structure "from the top down," jacking it up as each ring of sheets is bolted into place Torque wrenches are used to set each bolt (Safety Guards on building scaffold have been removed for photographic purposes.)

ADD IT ALL UP, AND YOU'LL SEE WHY WE SAY A HARVESTORE STRUCTURE IS MORE THAN JUST A SILO. IN FACT, THERE'S ABOUT AS MUCH SIMILARITY AS THERE IS BETWEEN YOUR BIG NEW DIESEL TRACTOR AND GRANDPA'S TEAM OF HORSES.

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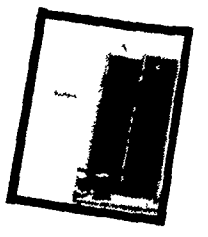
New Holland, PA 17557
PH: 717-354-4051

The best time for you to buy —or lease — your Harvestore system is now. Send for your free booklet by filling out and mailing this coupon today



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Wayne® 38% Dari-Blen.™ Because your dairy cow can deliver a bigger check.

Wayne 38% Dari-Blen feeding has boosted milk production as much as 20% in many herds.

Let us show you how Wayne 38% Dari-Blen can help you boost production.

And it works with Maxine, the Wayne computer, for all the calculations you need to take full advantage of Dari-Blen nutrition for your herd. See us today for complete details on Wayne 38% Dari-Blen.

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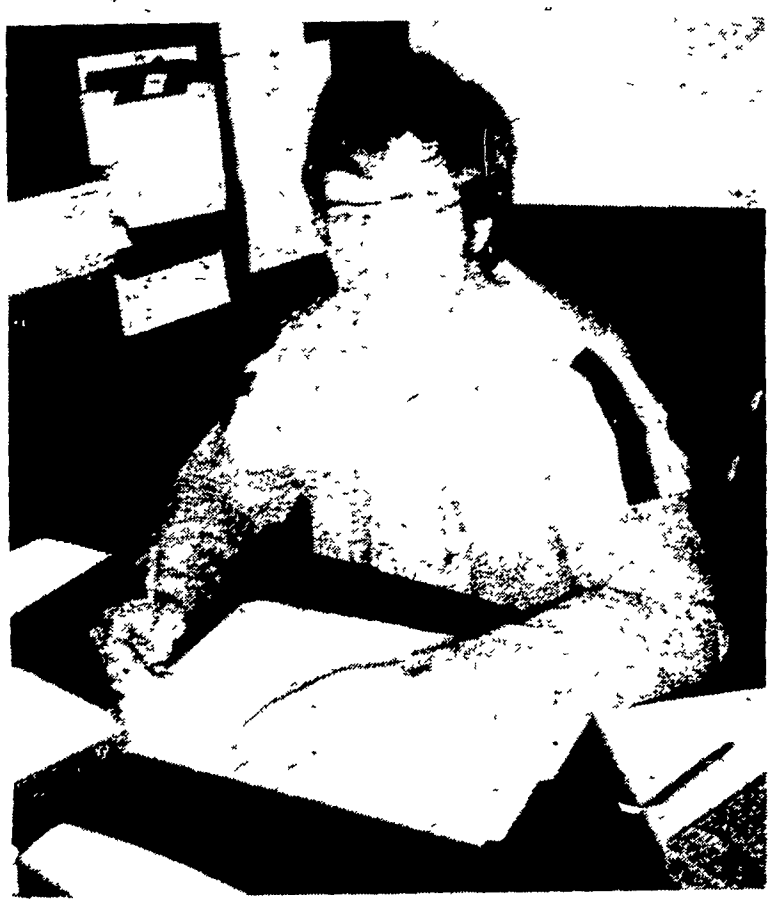
New Park, PA 17352 717-382-4472

Farm Business News



Rick Thompson, of Shenk's Farm Service, 501 E. Woods Dr., Lititz, has assumed the responsibility of sales of Boumatic milking equipment and Dari-Kool bulk tanks, along with his duties as service technician.

Atlantic Breeders names Beat to marketing post

Larry Beat

LANCASTER — Atlantic Breeders Cooperative has appointed Larry Beat to the new position of Domestic Marketing Manager to work with the direct breeders sales program, domestic distributors and representatives, and domestic and international tours.

Beat is respnosible for developing a program of communications, information and educational and promotional meetings of special interest and value to direct-herd breeders. He will work closely with the organizations and sales representatives throughout the United States who handle Atlantic semen. Beat will also serve as a host for groups of visitors who come to see the Atlantic sires and their daughters in members' herds.

Larry Beat comes to Atlantic from Kansas, where he was mainly in charge of the dairy program for the KABSU stud since 1970. His responsibilities included the Holstein young sire program, dairy sement sales and marketing, AI traning schools, and public relations. He has also been active in National Association of Animal Breeders activities and the Kansas Holstein show.

Beat is a native Kansan and grew up on a dairy farm. He graduated from Kansas State University in 1966 with a bachelor of science degree in ag education, then taught vo-ag for four years. He also did some graduate study and worked as an AI technician. His wife and three children plan to relocate in the Lancaster area this summer.

Irrigation seminar held

WESTPORT, Ct. — Farmers in five mid-Atlantic states were shown how to save time and energy by applying Vapam soil fumigant through irrigation systems at a recent farmer seminar sponsored by Stauffer Chemical Company.

Though Vapam has been registered for many years to control pests in a variety of crops, the practice of applying the product through irrigation systems is gaining momentum in Delaware, Maryland, New Jersey, Pennsylvania and Virginia.

By injecting Vapam into their irrigation systems rather than applying it separately, farmers can save valuable time and make more efficient use of their equipment. The technique also gives better control of pests than other application methods because it allows a more uniform application and complete soil saturation.

Vapam controls weeds, soilborne fungi, nematodes and other soil insects. It can be used on all types of soil, regardless of crop. Farmers in mid-Atlantic states use the soil fumigant primarily for potatoes and vegetable crops, such as lettuce and tomatoes. It also is used on ground being prepared for tobacco, sweet potatoes and watermelons.

Herbicide-coated seed research moves ahead

MINNEAPOLIS, Mn. — The cost-cutting dream of planting the necessary crop-insuring chemicals attached right to the seed itself is taking a giant stride closer to reality in research laboratories in Washington State and Minnesota.

Researchers are saying that it is now possible to coat alfalfa seeds with herbicide, plant with conventional planting equipment, and create a zone of weed suppression in the intimate vicinity of the seed, helping insure a successful stand and greater yield.

Further, says Jean Dawson of the USDA's station at Prosser, Washington, who originally conceived the idea of coating alfalfa seed with herbicide, "There is a great potential in coating seeds in general with chemicals to suppress weeds close by. We've shown clearly that the idea works with alfalfa, and we're now experimenting with edible beans, as well as with sunflower, soybeans, flax, and other seeds in a preliminary way."

Doing some of the developmental research on coating alfalfa with herbicide is Northrup King Co., Minneapolis, Mn. Researcher-in-charge Fred Porter also is highly optimistic about the idea of herbicide-coated seed in general: "The sky may be the limit," he says. "Someday we may be able to successfully coat corn and soybean seed to better control yield-robbing weeds."

While developmental work is fairly well advanced on herbicide-coated alfalfa, NK marketers say they're still studying commercial application and market potential.

According to Dawson, herbicide-coating of seed is being studied closely by the chemical industry, which he feels verifies the potential of the idea in that substantial dollar investments in research are being made.

Porter, developer of several seed-coating patents held by his company, says, "If we use herbicides that are volatile and, therefore, permeate through the soil and kill weed seedlings, it seems to me we might be able eventually to eliminate all other applications of herbicide. We can do that now with alfalfa if it's coated with enough herbicide and seeds are placed in the soil within an inch or two of each other.

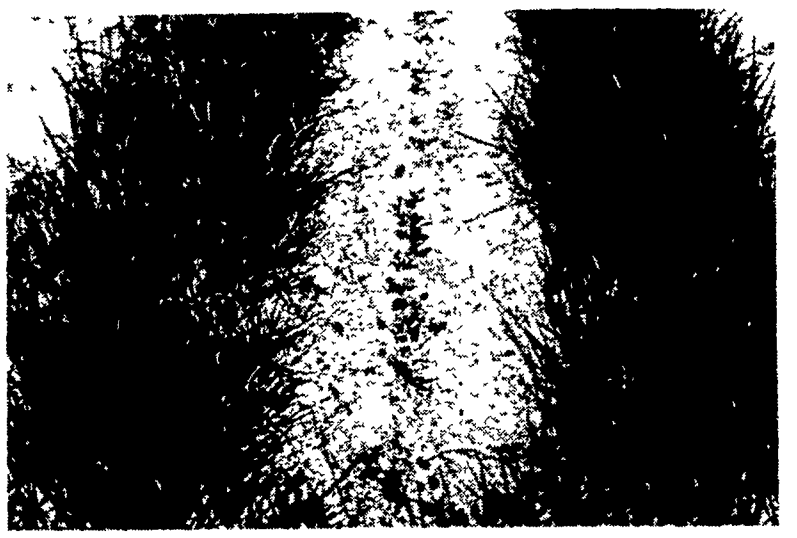
"With corn or soybeans, using the right kinds of herbicides, we might eliminate weed seedlings within two or four inches of the crop, then cultivate close and get the rest of the weeds."

"The beauty of the idea is that we could eliminate the expense of all that handling, applying, and incorporation of herbicides. The farmer wouldn't spend his time going to town to buy the chemical, haul it home, fill his spray tanks, spray, and incorporate. These costly steps may become unnecessary!"

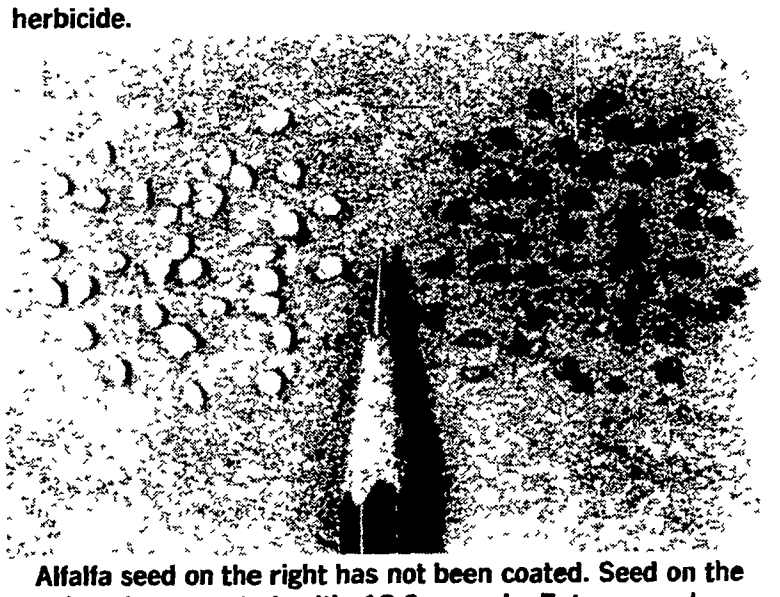
The researcher says there may be ways to develop systems to attach today's popular corn and soybean herbicides to those seeds, but in general a herbicide has to be volatile to work as a coating. The herbicide being used in alfalfa-coating research is Eptam. Once the seed is in the ground, the Eptam volatizes and permeates surrounding soil.

The idea also could have merit in controlling crop insects, continues Porter. Coating corn and other seeds with fungicides already is common.

Alfalfa has a surprising resistance to Eptam, while the chemical works particularly well in killing grassy weed seedlings. In laboratory trials conducted by NK in Minnesota, involving four replications, Eptam-coated alfalfa seeds, ryegrass seeds and broadleaf weed seeds were planted together in 10x10 inch pans. The alfalfa seeds sprouted and grew successfully while the ryegrass seeds germinated but were stunted, and by the end of the test many were dead. The broadleaf weeds were stunted but not killed.



Research conducted by Jean Dawson, of the USDA, at Prosser, Wash., shows how grass was eliminated near the row of alfalfa which was grown from seed coated with Eptam herbicide.



Alfalfa seed on the right has not been coated. Seed on the left has been coated with 18.2 pounds Eptam per hundredweight of seed in a calcium carbonate carrier, which causes the white color.

Further research indicated that Eptam-coated alfalfa seeds retain germinability over a period of at least one year.

A number of benefits become obvious for alfalfa growers from using herbicide-coated seed. Clear-stand seeding with no nurse crop is made more possible, providing good hay yields in the establishment year, followed by improved forage quality in subsequent years. Add to that the possibility of more years of harvest before tearing up the field.

Simplified herbicide handling, applying, and incorporation could alone save the farmer as much as $6 an acre, speculates Porter. "One or two trips over the field are eliminated, giving the savings," he says.

The researcher explains that in establishing alfalfa, the major weed problem is unwanted grasses. If a broadleaf weed infestation exists, the farmer should take care of it as he prepares the land.

With a May 27 planting date last year, a field trial using normal and herbicide-coated alfalfa seed was conducted by Northrup King. Although the late planting date, drought, high temperatures, and a leafhopper infestation sharply reduced yields, the pure stands of alfalfa, in the establishment year, yielded 1.82 tons/acre (two cuttings) where normal seed was used, compared to 1.90 tons/acre where Eptam-coated seed was used (two-pound/acre rate). Hay yield at the four-pound/acre rate was 1.65 tons.

According to Porter, the yields are not statistically different — no advantage or disadvantage is proven for the establishment year. The field trial does prove, however, that herbicide-coated seed is a viable concept. Also, "in subsequent years of harvesting, yield in the coated-seed stand should be better, due to the suppression of grassy weeds at the outset," says Porter. "And there may be a real difference in the quality of the forage you get by eliminating low-feed-value weeds. Total tonnage doesn't tell the whole story."

"About 110 seeds per square foot of ground is an ideal planting rate in view of seed and seedling mortality," says Porter. "An equidistant broadcast of that seed, almost one seed per square inch, when it is coated with Eptam, would result in total control of grassy weeds in the field," says Porter.

Dawson agrees. Volatization of the herbicide at this seed rate would be sufficient to control weeds between the seeds.

While production, distribution, and storage questions regarding herbicide-coated alfalfa seed yet need answers, Northrup King Co. will continue exploring feasibility of commercial use.

Treated silage test reported

DURHAM, N.H. — Corn silage, treated with a commercial aid to fermentation product, showed improved nutrient composition in a recent research test conducted at The University of New Hampshire, according to the manufacturer of the product named Silo Guard.

Frosted, hard dough - early dent whole-plant corn was harvested at 38 percent dry matter and stored in a horizontal concrete silo. One half the silage was treated with Silo Guard at the rate of 1½ lbs. per ton at filling time.

Fermentation characteristics showed that the silage treatment improved total digestible nutrients by 3.5 percent and expected crude fiber digestibility by 9 percent. The improvement was demonstrated by a Holstein heifer feeding trial in which the heifers consuming the treated silage showed a 35 percent improvement in growth tendencies.

For more information on the research report on the product, Silo Guard, write the manufacturer, International Stock Food Corporation, Waverly, N.Y. 14892.

Feed dealers receive leadership awards

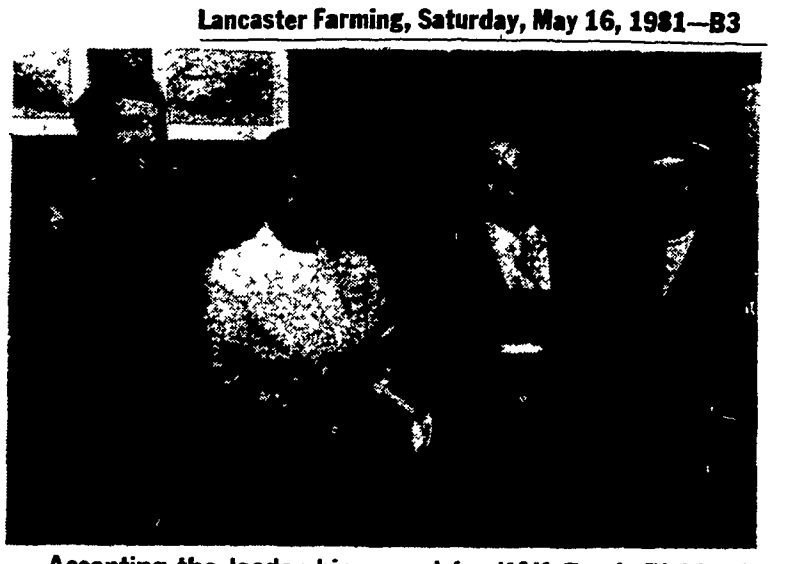
PALMYRA — An appreciation dinner was held last Wednesday evening for local feed dealers, here at the Canterbury Restaurant.

According to Ray Carter, district manager for Ralston Purina Co. in Lebanon, Berks, and Dauphin counties, the 15,000 ton market of the dealerships in this area can be attributed to the joint efforts and cooperation of the salespeople, dealers, and staff making up the feed company 'family'.

Honored for leadership in 1980 were Umberger's Mill, Fontana; K & K Feed Mill, Inc., Richland; and Anthony's Feed Mill, Strausstown.

Also attending the appreciation evening were William and Sally McDonald, Stable Gate Feed Store, Grantville.

District manager Ray Carter presents Donald and Marilyn Anthony with their first leadership award. The Strausstown feed dealership celebrated its second anniversary in April.



Accepting the leadership award for K&K Feed, Richland, are owners Clarence Kreider, right, and wife Ernestine, and Donald Krall and wife Patricia.

The Umbergers, Bill, left, and Donald, right, were honored for their sales record in 1980. Also pictured are wives Mary and Florence.

CARL MARTIN YOST
FOR SUPERIOR COURT
See Page A-18

WHEN IT COMES TO.....
FLE
.....DON'T PLAY AROUND!

Experience good feelings this time of year with a crib of beautiful, natural-dry shelled corn

A reserve crib full of natural-dry golden yellow whole kernel shelled corn can give you a mighty good feeling this time of year. Especially when you know your crib is a shelled corn storage bin that uses the same drying principle approved by farmers for centuries to keep high quality ear corn.

This good feeling comes for three reasons. One, you feel good when you see your bright whole corn kernels in the bin. No popped grains from excessive heat drying. No unpalatable, scorched kernels. No dust in your bin from the heat-drying process.

Two, you feel good when you feed natural-dry, chill cured corn. Your livestock and poultry can gain more weight and produce more eggs with less shelled corn. That's because this scientifically designed grain storage system doesn't burn away starches or protein in the drying process. You only evaporate away the moisture. You retain more volume and more feed value.

Three, you feel good when you look in your pocketbook. Because you no longer need to spend up to 25 percent of your corn crop to have the grain elevator dry your corn at harvest. Because you can store your grain on the farm until the low harvest time prices have risen. And because after your neighbors have tried some of your natural-dry corn in their feeding program, you can expect a premium price for your top quality corn.

For more information on how you can experience a good feeling this time of year with a storage bin full of beautiful, yellow whole-kernel, natural-dry shelled corn, write to

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—Suggested Readings—

Cornell Extension offers publications

ITHACA, NY — Money, for today and tomorrow, is a concern of everyone. What will today's dollar be worth tomorrow? How can it be increased to assure a reasonable living standard?

Several publications from Cornell Cooperative Extension are available to help today's farm family and other property owners make plans for the future while paying their bills today.

"Taxmanship in Buying or Selling a Farm" (NC 43, 50¢) points out tax considerations when you sell or buy a farm. A case study of tax calculations in a farm sale is included. The sale of the personal residence, involuntary conversion, and trading farm property are covered in this 15-page publication designed to help you think before you move.

"Hedging in Commodity Futures: A Guide for Farmers in the Northeast" (IB 147, $1.50) tells how to get started in a hedging program and carries the reader through the uses of futures markets and mechanics of futures trading. Gives empirical analysis on hedging a growing crop as well as inventories. Since the commodity futures market directly affects many farmers, the more you know about the subject the better you'll be able to plan your financial future.

"Life Insurance for Farm Families" (IB 114, 50¢) helps you plan before financial disaster strikes. This is a comprehensive guide to insurance planning for families who own and manage farm businesses. A sound life insurance program can also be part of plans for retirement, savings, credit use, transfer of the farm, and distribution of property at death. Farmers warrant special considerations in life insurance aspects and this publication will give you information to make good decisions.

Planning "Insurance for the Farm Business" (IB 167, $1.25) is as important as planning which crops to grow, how to feed, or market your production. Ask anyone who has lost everything due to inadequate insurance. This bulletin will help you find out details on property insurance, liability insurance, worker's compensation, motor vehicle insurance, personal injury, and crop insurance. Options are covered objectively and tables illustrate limits and premium rates.

You're working now, the cash flow is adequate, and your credit is working for you. But what about when you want to retire from active farming? What are your options? "Retirement Planning," (NC 49, 45¢), is a concise publication that covers the financial benefits and pitfalls of retirement. It also includes philosophy, goals, alternatives to retirement, estimating income and expenses, potential areas for trimming expenses, and enumerates key retirement points which you should consider before you retire.

All of the publications may be obtained by writing to Cornell Distribution Center, 7 Research Park, Ithaca, NY, 14850. The per-copy price includes shipping to you. Copies are also available through county Cooperative Extension offices in New York State where prices may vary.

Soybeans fact sheet available

NEWARK — Full season no-tillage soybean production is still quite new and all the bugs haven't been worked out of the system yet. Increasing numbers of Delaware growers have expressed an interest in reducing their tillage requirements without reducing soybean yields. In most cases, they actually want to increase yields.

As with any other no-tillage operation, management is extremely important in producing a profitable crop of soybeans, says University of Delaware extension crops specialist Frank Webb.

He recently put together a four-page fact sheet outlining the best information currently available on this practice, based on research, extension demonstrations and commercial observations. This fact sheet can be obtained free from county extension offices in Newark (738-2506), Dover (736-4675) or Georgetown (856-5250).

There are still many unanswered questions regarding full-season no-tillage soybean production, stresses Webb, but this publication does provide the latest information on suitable seedbeds; fertilizer and lime requirements; varieties, row spacing and plant population; and (most importantly) weed control.

"Work is continuing on this new production method," says Webb. "As developments occur, farmers will be notified. In the meantime, the best advice is to try a few acres and get used to the full-season no-tillage soybean program before jumping in with both feet."

AVMA brochures discuss horses

LANCASTER — Tips on buying horses and controlling internal parasites are available in two brochures recently published by the AVMA.

"What you should know about buying a horse" helps you decide the kind of horse to buy, where to look for a horse and examining the horse before buying.

"What you should know that internal parasites in horses" discusses the transmission, diagnosis and treatment of bots, strongyles, ascarids and pinworms in horses.

Orders for each brochure should be sent to AVMA, 930 North Meacham Road, Schaumburg, IL, 60196. The cost is $3 per hundred and a check made to AVMA should accompany each order. To request a single copy, send a business size, self-addressed stamped envelope to the AVMA.

Looking For THE UNUSUAL? Find It In The CLASSIFIEDS.

Allied introduces dog food

CHICAGO, IL — Formula One Dog Food, a quality dry food that is economically priced, has been introduced nationally by Allied Mills, Inc., the Chicago-based agribusiness firm. The new dog food is available in 25 and 50 lb. bags through pet shops, feed and farm supply stores, kennels and veterinarians.

Formula One Dog Food is formulated for adult dogs, says Joel Drews, Allied Mills nutritionist and the principal developer of the new product. It can be fed dry as it comes from the bag or moistened with water or other liquids.

Formula One Dog Food contains 18 percent crude protein and 5 percent crude fat. It is fortified with 11 vitamins and 8 minerals required by adult dogs.

Nearly 50 years of research stands behind Allied Mills' new dog food. Extensive nutritional research with dogs and other pets is conducted at the company's Research and Development Center at Libertyville, Ill.

"Proper feeding is essential for the correct development and maintenance of a dog," says Drew. "A considerable amount of research has been conducted to determine the nutrition a dog needs during various stages of its life."

Dogs, like man, if given a chance, would eat only food which is tasty to their palates, with little consideration to nutrition, Drews adds. The result can be a fat dog that is poorly nourished.

Formula One Dog Food is packaged in bags identified by their tan color and bold brown and black graphics showing a Spaniel dog and its owner.

New Curtiss sire

ELBURN, Il. — Shady-Creek Glendell Everest (40H2953), a young Holstein bull bred by Tom Pearson, a prominent Holstein breeder and animal photographer from Greenleaf, Wisc., has joined the battery of Holstein bulls at Curtiss Breeding Industries Inc. He will be sampled nationwide through the Curtiss Blue Chip Program.

Everest comes from a good producing, high indexed cow family. His Excellent dam, a Logil Rajah daughter, has 305-day records over 23,000 pounds of milk with a 3.8% test and 874 pounds of butterfat.

Sired by Glendell Arlinda Chief, a successfully proven A.I. sire with a PDM of +1993 pounds and a PDT of +1.46, Everest should be used on cows that need stature, dairyness and more will to milk.

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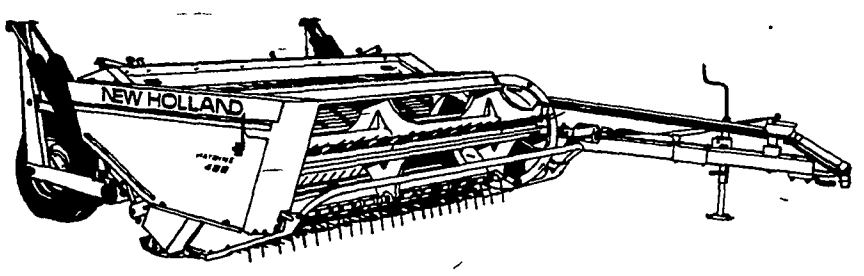

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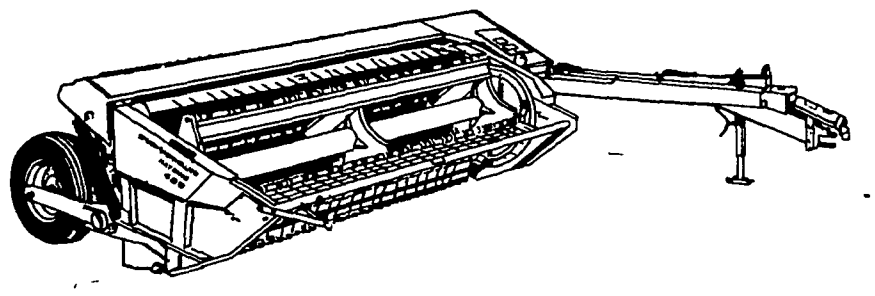
Full-width conditioning rolls in the Model 489 Haybine® mower-conditioner are located in the main frame, not the header. The lighter header responds quicker to ground contours and greatly reduces knife and guard damage. The "489" is designed for operators who demand the very best.



495 Mower-Conditioner

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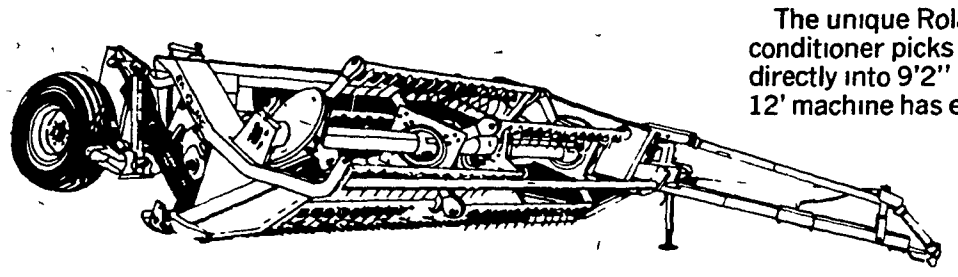

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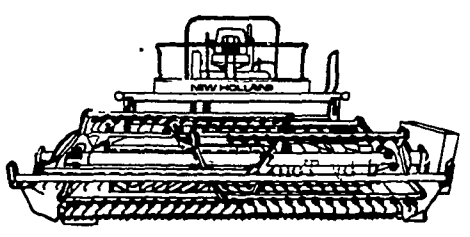

With the self-propelled Model 1495 Haybine® mower-conditioner, the unique 12' Rolareel™ header picks up crop in the worst field conditions and feeds it directly into 9'2" rubber, intermeshing conditioning rolls

Your choice of either windrow or swath, gas or Diesel power and planetary or hydrostatic drive.

Fieldwork runs ahead of last year

HARRISBURG — A high pressure system followed by a cold front caused temperatures in the Commonwealth during the week ending May 11 to vary from highs in the 80's to lows in the 20's, with many reports of frost. Scattered shower activity across the state left farmers with four days suitable for fieldwork, according to the Pennsylvania Crop Reporting Service.

Farm fieldwork activities included plowing, discing, spraying, spreading lime, hauling manure, cutting rye for green chop and silage, and planting corn, oats and potatoes.

Statwide, soil moisture was rated 71 percent adequate, 18 percent short and 11 percent surplus.

In the north, soil moisture was rated 73 percent adequate and 27 percent surplus. Central soil moisture was rated at 79 percent adequate, 14 percent short and seven percent surplus, while southern soils were rated 62 percent adequate and 38 percent short.

Frost damage to fruit crops is still being reported but is scattered and difficult to assess. Peaches and sweet cherries are reported to be hit the hardest. Statewide, peaches are reported as 87 percent in or past full bloom compared with 70 percent last year at the same time. Cherries are reported as 92 percent in or past full bloom compared with 78 percent last year, while apples are reported as 66 percent in or past full bloom compared with 39 percent last year. Green peas are reported up and looking good.

At 81 percent complete, plowing is still ahead of last year's 74 percent but is now equal to the five-year average for this date. Plowing is rated as 73 percent complete in the north, 83 percent in the central region and 87 percent complete in the south.

Oats are 88 percent sown compared with 81 percent at this time last year. In the north 72 percent of the crop is sown with 92 percent reported sown in the central region. Planting is virtually complete in the southern counties.

Potato planting advanced to 64 percent complete compared with 45 percent last year. Northern counties reported 51 percent planted with central counties reporting 62 percent planted. In the south, 81 percent of the crop was reported planted.

Statewide, barley is 19 percent booted and seven percent headed compared with 25 percent booted and less than five percent headed at this time last year. Wheat is 12 percent booted, the same as last year. Planting of soybeans statewide did not make much progress last week with only ten percent reported complete, about the same as last year.

At 30 percent complete, corn planting is slightly ahead of last year's 27 percent and the five-year

(Turn to Page B7)

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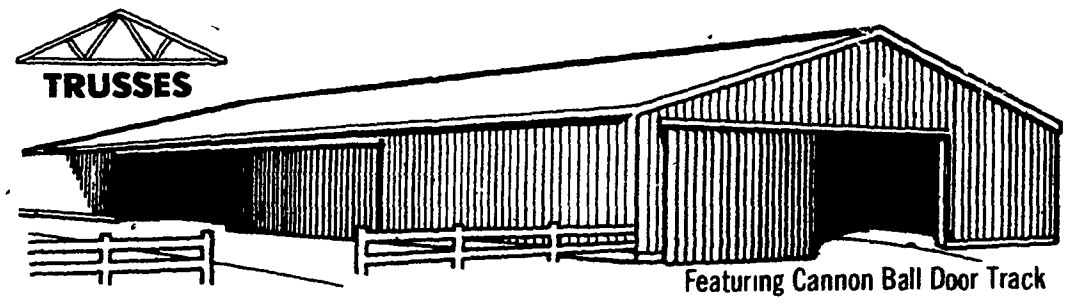

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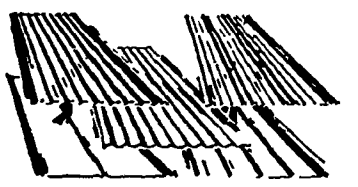

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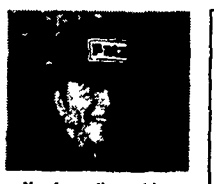
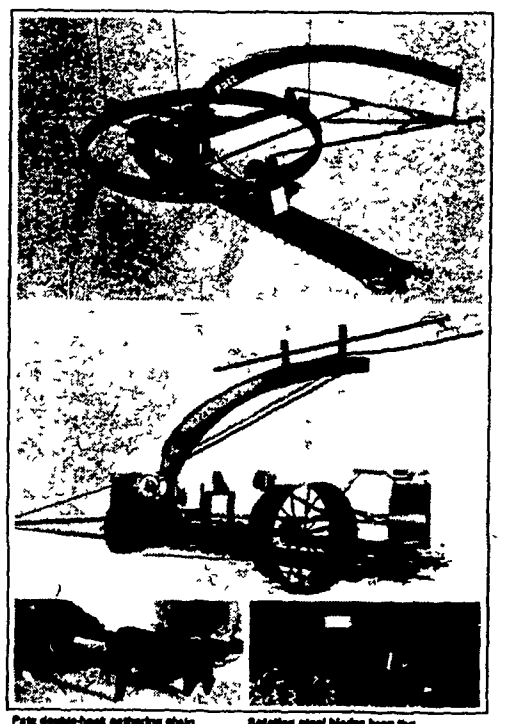


You know the problems caused by hard packed and frozen silage. Patz gives you two solutions to the problem — the Model RD-790 ring-drive silo unloader and the Model 98B surface-drive silo unloader.

Both unloaders feature a double-hook gathering chain with hardened steel cutters and claws that rip through frozen and packed silage. When you push the button, you know you can count on a smooth feeding operation.

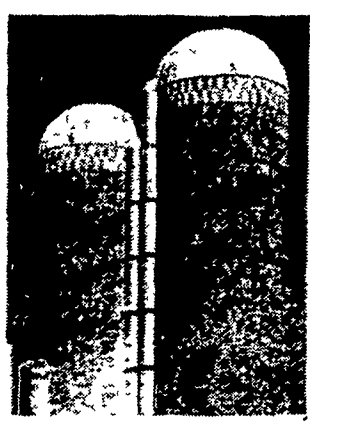
Evaluate our powered silo wall cutters. Spring tension holds 4 self sharpening steel cutter blades in place to follow the curve of the silo wall. This keeps silage from building up along the walls, so you can be sure that you're getting all the feed where it belongs in the feeder and not stuck to the walls.

Want to know more about the Patz system? See your Patz dealer. He'll show you Patz quality and reliability... two important words to a farmer like you.



Patz double-hook gathering chain features cutters and claws.

Rotating steel blades keep the silo wall free of silage buildup (shown without guards).



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State to survey farmers

HARRISBURG — Representatives of the Pennsylvania Crop Reporting Service will soon interview Pennsylvania farmers in late May and early June to determine how much of the Commonwealth's farmland went into production this season and how much livestock is on hand. Similar surveys will be carried out in all 50 states.

Wally Evans of the Crop Reporting Service said disappointing crop prices, soaring interest rates and rising production costs underscore the need for accurate acreage and livestock information. The data compiled from personal interviews and mailed questionnaires will guide farmers in their future marketings and inform commodity buyers, traders and policymakers on what to expect from agriculture this year. Farmer cooperation, he added, is the key to developing dependable estimates.

As of March 1, the nation's farmers planned to boost wheat, rice, barley and oats acreages and reduce sorghum, soybean, cotton and sunflower acreages. Corn acreage will be maintained.

Cattle numbers stood at 115 million head on January 1. This marks the second year of upturn in the current cattle cycle. Hog numbers are down from the high levels of a year ago. Producers indicate they will continue to reduce farrowings this spring and summer.

Final state and national estimates will be published by USDA's Crop Reporting Board. The 1981 spring planted acres report will be available on June 29, followed on July 10 by estimates of yield and production for major crops. Estimates of hog and pig numbers will be reported on June 22 and cattle numbers on July 27.

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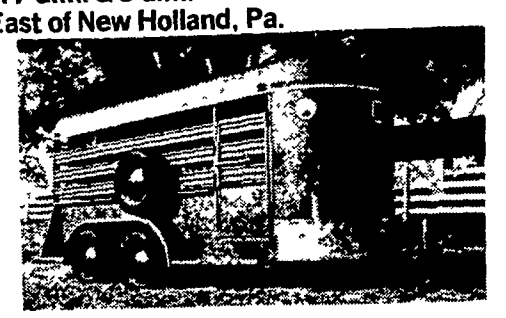

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See Page A-18

Fieldwork

(Continued from Page B6)

average of 29 percent. In the north, 15 percent of the crop is reported planted while 23 percent is planted in the central counties and 50 percent planted in the south.

Statewide, alfalfa stands are reported at 58 percent good and 42 percent fair while clover-timothy stands were rated as 56 percent good, 41 percent fair and three percent poor. The amount of feed obtained from pastures rated mostly average statewide.

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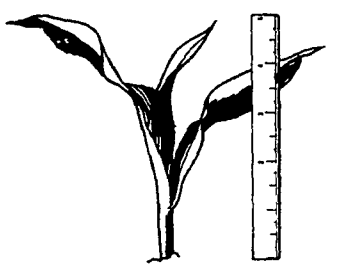

Here's how the Banvel early lay-by program works
1 Apply your pre-emergence herbicide to control grasses
2 Apply Banvel before corn is more than 5 inches when broadleaves are germinating before weeds have robbed significant amounts of moisture or nutrients from your crop

Result Banvel early lay-by controls a broad spectrum of important broadleaf weeds including the tough ones 2 4-D misses during the time when weed control is most needed

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2. Are parts in stock for repair?
3. Does quality equal the price?
4. Is it manufactured in U.S.A.?
5. Is the warranty two years?

All 5 questions can be answered YES at

ALLEN H. MATZ, INC.
505 E. MAIN ST. - (717) 354-2214
NEW HOLLAND, PA

Fulton Grange meets

OAKRYN — Thomas C. Galbreath, master, presided at the regular meeting of Fulton Grange 66, recently at the Grange Hall in Oakryn when the Charter was draped in memory of Gyles H. Brown.

The Grange decided to have a booth in the commercial tent at the Southern Lancaster Co. Community Fair in September. They also decided to have their property boundaries surveyed.

The speaker, Mrs. Jesse Wood, presented a ritualism program which opened with a roll call "Something that impresses you about the first four degrees or Grange ritual." She then conducted a ritualistic quiz between teams of men vs. women.

Charles McSparran conducted a Grange code reading class for everyone. The speaker awarded prizes to some who volunteered to participate in reading the code. McSparran also offered some helpful criticism for Grange ritualistic procedures.

Mrs. Clifford Holloway Jr. entertained with jokes and Mrs. John Wise concluded the program with a reading "Definition of a Cow."

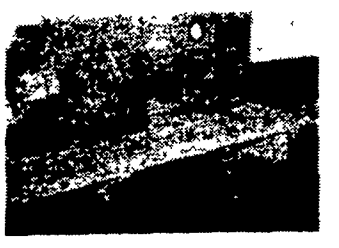
The annual memorial service will be held at the next meeting, May 25. On June 8 the Grange will observe June Dairy Month by having their annual home-made ice cream night.

SPRING HOUSECLEANING SALE

40 KW Kohler L.P. Gas

15 KW Winco Trailer & Shaft

150 KW Kato Diesel



15 KW Onan with Shaft

USED ENGINE DRIVE GENERATORS

2.5 KW Yanmar Diesel
3.5 KW Onan Gasoline
3.5 KW Petter Diesel
7.5 KW Yanmar Diesel On Trailer
10 KW Red Seal L.P. Gas with 100 Amp ATS
10 KW Winpower L.P. Gas
12.5 KW Onan Gasoline
25 KW Continental L.P. Gas
25 KW Katolite Diesel
30 KW I.D.E. L.P. Gas
30 KW Maxi-Power Diesel
70 KW Cummins Diesel
140 KW Detroit Diesel

USED P.T.O. GENERATORS

5.3 KW Winco with Trailer & Shaft
12.5 KW Dayton with Trailer & Shaft
12.5 KW Westinghouse with Trailer & Shaft
15 KW Winco with Shaft
25 KW Winco with Trailer & Shaft

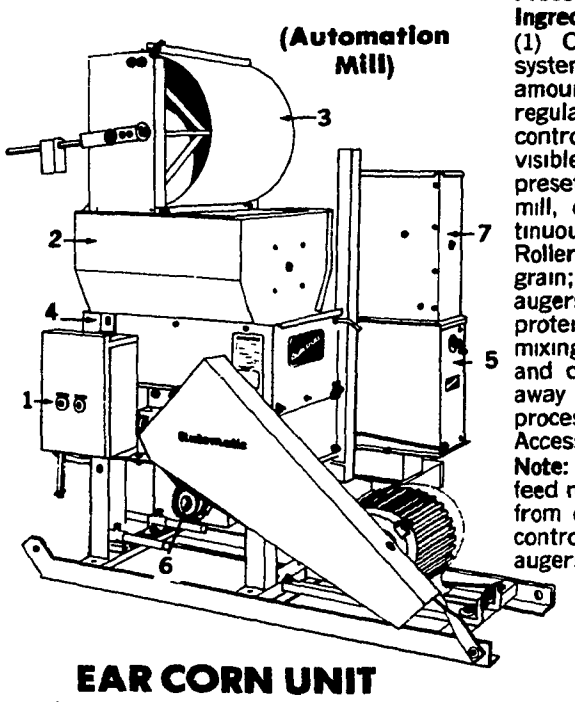
USED TWO-BEARING GENERATORS

2 KW Winco 1800 RPM
3.5 KW Winco
5 KW Dayton
10 KW Winco
60 KW 3 Phase 1800

MAXI POWER

LEONARD MARTIN CO.
330 Fonderwhite Road
Lebanon, PA 17042 717-274-1483

Automatic ELECTRIC FEED PROCESSOR



Process and blend 3 or more ingredients at one time!

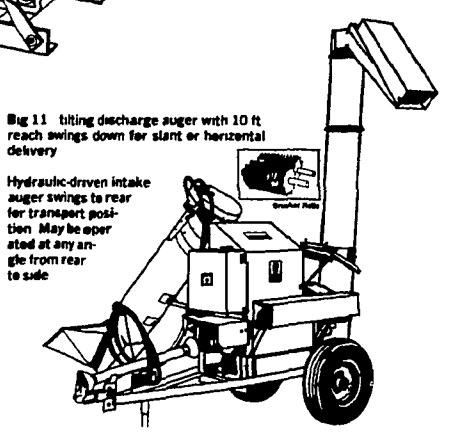
(1) Control center (Type III timer system) predetermines and records amount of feed grain (2) Bin Switch regulates input auger, automatically controls grain level in hopper, (not visible); (3) Automatic scale meters preset amount of grain through roller mill, operates automatically and continuously without power, (4) Automatic Roller mill with fast-roll attachment rolls grain; (5) Dial-controlled variable speed augers in electronic meter let you add protein, mineral or medication into mixing auger; (6) Mixing auger mixes and delivers processed feed to take-away auger Supply auger and mill processed preset amount of grain, (7) Accessory hopper with flow switch

Note: The Automatic Dump Scale and feed metering units may be gravity fed from overhead bins or hoppers Flow-control switches are required if input augers are used in place of gravity flow

EAR CORN UNIT

Automatic's ear corn unit handles wet, shucky and even frozen ear corn. The crusher unit shreds the cob followed by rollers that crack the corn, producing a flaky, dust-free feed for greater digestibility The hydraulically driven intake auger swings to the rear for transport and may be operated at any angle from rear to side

Dust-free rolled grain is more palatable, easier to digest, eliminates wheezing and many digestive disorders.



Big 11 tilting discharge auger with 10 ft reach swings down for slant or horizontal delivery

Hydraulic-driven intake auger swings to rear for transport position May be operated at any angle from rear to side

RYDER SUPPLY CO.

P.O. Box 219,
539 Falling Springs Rd.
Chambersburg, PA 17201
Phone: 717-263-9111

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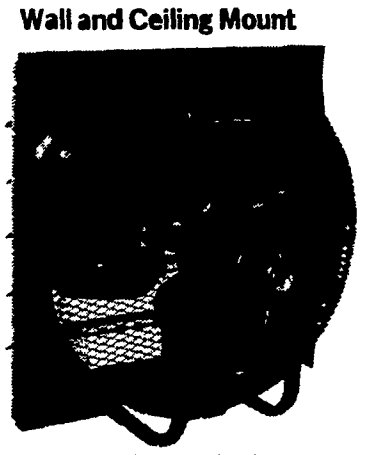
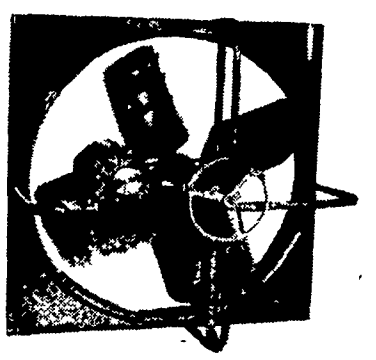
VENTILATION EQUIPMENT For The Farm

Wall and Ceiling Mount



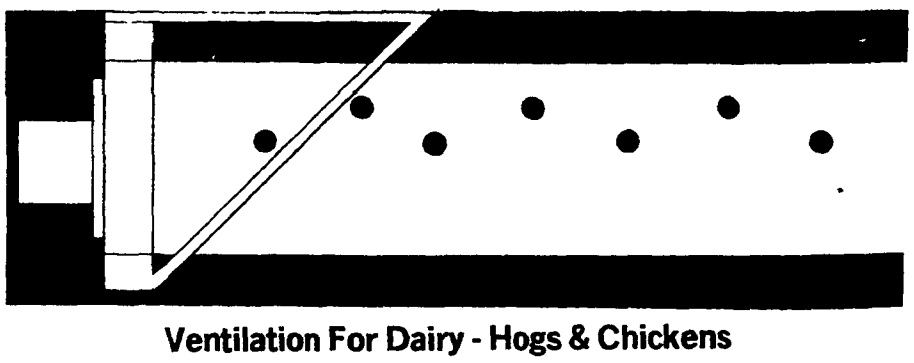
12 to 24 inch Direct Drive



24 to 36 inches Belt Drive Fans

- Completely automatic, fully assembled ready to operate.
- Heavy gauge corrosion resistant aluminum fan blade.
- Extra sturdy, corrosion resistant pointed steel frame.

Poly Tube Ventilation



Ventilation For Dairy - Hogs & Chickens

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PHONE _____
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For additional info. Clip & Mail To:

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- ☐ Cattle
- ☐ Horses & Mules
- ☐ Sheep & Goats
- ☐ Swine
- ☐ Artificial Breeding
- ☐ Hog Equipment & Supplies
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- ☐ Feed & Seed
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- ☐ Plants
- ☐ Fruits & Vegetables
- ☐ Nursery
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FARM EQUIPMENT

For Sale
Farmall Super C fast hitch cultivators, loader, & wheel weights, good rubber
Farmall Super C, cultivators, wheel weight, good rubber
Farmall Super C fast hitch, cultivators, good rubber
717-687-6553
eves & weekends
717-687-8021

Deutz 100-06 4 wheel drive, cab, 2000 hr service records, 814-237-6080

Ford 3 pt hitch equipment,
2 bottom 12" plow, $225,
6' scraper blade, $150,
5' rotary mower, like new, $525,
IHC 3 pt hitch 2 row cultivator, $200
717-687-6553
Eves & weekends
717-687-8021

(New) NH 310 baler with engine, $5200 Pequea Machine, 3230 E Gordon Rd., Gordonville, Pa 17529.

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2 JD 715 chuck wagons, tandem axles and 3 beaters, 1 Badger chuck wagon, tandem axle and 3 beaters, 1 4 row snapper head JD, 215-347-2309 after 7 p m

---

Int 915 combine, hydro with 400 hrs 863 Int. 6-row corn head, done 300 acres corn, exc. cond, $33,000 215-869-9265 after 5 P.M or 869-2952 anytime.

For Sale - 135 h.p JD 4620, duals, power steering, roll guard, excellent condition 717-837-3214 or 837-0059

Farmhand hyd. dump wagons, 5000 lb. capacity 609-769-3183

FARM EQUIPMENT

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Up to 75% Savings
ALL MAKES
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Crawler and Wheel Types
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P.O. Box 2125,
FARGO, ND 58107

For Sale - 880 Oliver diesel, good condition 3 galvanized Martin cupola ventilators 717-866-7565

Chisholm Ryder snap bean harvester on IH hydro 70 & 666 tractors, hyd drive, reconditioned and painted, 609-769-3183

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw-in hub which has the ability to tighten up on new or worn crank shafts Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night

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For Sale - Tobacco rails, orders taken now for June & July delivery. Rails out of pine or hemlock. Write for prices - Enos S King, Box 128, Rebersburg, Pa. 16872 Centre Co

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10' Miller disc, 3 bar with leveling cylinder, 5x16" Kvernland automatic reset plow 814-237-6080

For Sale - Bale thrower wagons, steel or wooden sides with 6 or 8 ton gears, also Zimmerman elevator in 28, 32, 36 & 40' lengths, plywood feed bins Will deliver and install, Stoltzfus Woodwork, Rd 2, Gap, PA 17527, 1 mile north of Gap along 897, 717-442-8972

JD 4020 side console; JD 70 WF; 20' Amco transport wing disc, 22" blade 717-786-2534

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH. 717-263-0013

MF 880 4x16 plow, gauge wheel, hillside hitch, coulters, coverboards, plow 300 Acres $2400 Perry Co 717-444-3447

FARM EQUIPMENT

NH 469 haybine, good shape, JD 12A combine with grain bin 215-932 2288 Chester Co

---

For Sale - 660 Int diesel tractor, Stephen U - Fisher, 37 N Soudersburg Rd, Gordonville, PA 17529

For Sale - 970 Case with cab, $7,000. 201-459-4371 Blairstown, NJ

For Sale - Orchard sprayer with good Wisconsin engine, good shape 717-354-5039 Lanc. Co

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For Sale - 4 steel wheels for IH 300-400 (front and back) real good shape 300 IH Tractor on rubber, power steering, 2 pt hitch live power shaft and torque 3 Surge milker units Call 717-837-3332 No Sunday Calls

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For Sale - 220' of good litter carrier track with a switch & 2 trolleys. John S. Stoltzfus, Box 352, R D 1, Kirkwood, Pa Bartville Rd

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Case 1000 front end loader on track, motor overhauled, negotiable, Call after 5:30 p m. 302-328-3732

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2 1500 gal plastic fertilizer tanks, $850 each, 500 gal Century sprayer $1500, 5 hp roller mill $1200, 6' scraper blade $100, steer mineral feeder $50, Molasses tank $100, eves 5-10 717-637-0192

New Idea 3 horse manure spreader, very good condition, $350 Hay ladder wagon $75 A.B Fahquar potato plow, $85 Superior grain drill for parts, $20 MC dump rake, $50. MC side delivery rake, $250 Small bale elevator, $100 York Co, 717-757-1873

1974 1800 IHC 24' Swartz power deluxe roll bed, 5/2 trans., air brakes, PS, very good cond., $12,000 Trades accepted
DENNIS M. MILLER EQUIPMENT
Rt 22 Grantville, PA
717-838-1888 anytime
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MF 50 Tractor, Hi Arch, WFE $3300
MF 50 Tricycle $1850
MF 85 $2850
Ford 901 Tricycle w/Power Steering $1800
JD 1214 Mower Conditioner $3500
WENTZ FARM SUPPLY
Palm, Pa.
215-679-7164

For Sale - John Deere #6 Chopper 301-452-5252

MF 510 diesel combine with 4-30 corn and 13' grain heads and straw spreader $16,500 814-237-6080

JD 620, 3 pt, hitch, 814-793-4293

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164

For Sale- Rotary scythe, 9 ft, AC 170, IH 10 drill 717-438-3115

AC HD-3 bulldozer with 6 way blade & shuttle clutch good cond $4500
Case uniloader model 1537, w/4 in 1 bucket, hoe attach & auger attach. good cond $7500
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, Pa 18936
Phone 215-699-3533

JD 730, diesel, excellent shape, 814-793-4293

Gehl round bale stacker $975, IH 47 baler with thrower $500, New 8 ton running gear with flotation tires $600, 814-237-6080

For Sale - NH 469 haybine $1450, Case 1747 uniloader, gasoline engine, dirt bucket and manure forks $2850, Kent Co, MD 301-778-0323

For Sale - Hesston haybine model 1010, hydroswing 215-286-9426

FARM EQUIPMENT

20 hp Simplicity 9020 tractor with front end loader, 717-225-5873 call after 4 p m

---

1976 White 8800 combine, 6 row corn head, 15' table $23,000, 1974 Oliver 7700 combine heads $14,000, Several MF 510's & MF 760's Tidewater Tractor, Wye Mills, MD 301-820-2111

For Sale - 4010 diesel tractor w/WFE, A-1 condition $8500 with 4020 kit 105 hp, also front end weights and frame weights that fits 4010 and 3010, Call 717-235-2774

For Sale - one wagon with hydraulic lift 717-859-2374 Lancaster Co

---

For Sale - 1978 M2KF Gleaner combine, 800 hrs on engine, 13' grain head, 6 row 30" corn head, loaded with extras, kept inside, excellent condition, asking $36,000 717-249 8726

WD 45 AC with saw, very clean $1375, Case haybine, 9', field ready $675, 717-354-0266

AC combine, model G, diesel, 14' grain head, nice condition, $8700 609-358-2384

NH Pitman mower, Brillion crusher, PV4D Wisconsin engine with 221 reduction clutch, overhauled 2 yrs. ago, very good running condition 717-442-8336 Amos A Zook Jr, RD 1 Box 189A, Gap, PA 17527

Cherry Shakers, 4 pneumatic shakers, 2 catching frames, $500 or best offer, 215-367-8300. 215-886-5278 eves

---

NI manure spreader, PTO, model 207, 160 bu, large flotation tires, $675 215-869-8928

MF 3 pt mounted disc, 72" wide, $600 215-869-8928

For Sale - JD 30 combine, pull type, PTO, 7' cut, auger feed with bin & unloader, $700. 717-992-6596, after 6 P M.

For Sale - 10 MF suitcase weights, with hold down bolts 215-469-6439

For Sale - New Idea No 47 side rake & tedder on rubber. Excellent condition. Adams Co 717-528-4252

JD B completely rebuilt, new rubber front, good rear, #5 mower, new knives, guards, IHC 5' new knives, guards, IHC 2 row planter; JD 2 btm pull behind, $2300 or best offer. Evenings 215-234-8662

Cultivator for JD 40, 320, 420, 430, MT1010 All new shanks & sweeps Complete $230 or best offer Evenings 215-234-8662

7' disc (18") IHC setup for 3 pt., very good condition, $300 or best offer Evenings 215-234-8662

JD 7000 6 row narrow with monitor, in excellent condition Reason for selling - going to liquid fertilizer, 215-593-5665

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(2) 23 1x34 10 ply tractor tires and tubes, 50% tread 201-859-2720

Roll Bar & Canopy for 2-85 White Tractor, like new - $450 (List $1295) Chas J. McComsey & Sons, Hickory Hill, Pa, 215-932-2615

JD 14T baler with kicker for parts, good shape Chester Co 215-932-2288

Welsch 300 gal sprayer on 3 pt. monitor, electric valves, in cab pressure controls, hydraulic centrifugal pump, 2 sets of stainless nozzles $1400, 2 1000 gal steel tanks $200 814-237-6080

John Deere 520 Tractor, excellent condition 301 795-9631

NH 320 Baler w/thrower, 2 yrs old excellent cond
NI Cut/ditioner 9', 1 yr old
3 Bale Wagons
40' NI Elevator
301-795 9631

FARM EQUIPMENT

1980 Kubota tractor, 4 WD, 34 hp front end loader, with external pump, less than 100 hrs, selling due to health, $9500, 717-229-2602

For Sale - 999 cornplanter with fertilizer attachment and plateless units, also 1240 2 row horse drawn and 3 pt planters. Gideon F Stoltzfus, RD 2 Box 2276, Gap, PA 17527, 1½ mi. N of Gap along Rt 897

HD5 AC dozer with bucket, $3000 717-425-3697

For Sale - JD 999 2-row horse drawn corn planter, good condition 215-593-5754

For Sale - Depth bands for JD 8250 or 8350 drill, good condition 215-489-7831

For Sale - 354 NH grinder mixer, storm front carriage, both in good condition, C L Esh, Rd 1, Box 181, Newburg, PA 17240

IH 4R planter, 18' spring tooth, 14' disc, 12' Ezee flow, 77 Oliver, MF 1130 DL. Machinery Guaranteed, Trenton, NJ 609-259-2802

NH 56 hay rake, good condition, Isaac E Beiler, 3900 Barnsley Chrome Rd, Oxford, PA Chester Co

---

For Sale - One 3 bottom Massey 3 pt. hitch plow, 14", one Grove forage wagon in good shape with hydraulic drive Will consider trade for bale wagon in good shape. 717-359-7460

For Sale - JD 494A corn planter, liquid fertilizeer, good condition. 215-395-1213

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2 pt hitch for 300 or 350, also one for 450 Selling parts from the following IHC tractors 300, 350, 400, 460, 560, 660, 806, 1066 717-464-2874

For Sale - JD 3010 diesel, wide or narrow front, excellent condition, can deliver 201-526-9363

ANTIQUE TRACTOR BOOKS! NEW! "150 YEARS OF INTERNATIONAL HARVESTER" Covers all tractors, Equipment and Stationary Engines 416 Pages, 2000 Photos Hard Leatherette Cover $26.95 "THE ENCYCOLPEDIA OF AMERICAN FARM TRACTORS" Covers tractors from 1890's to 1979 1500 photos, 352 pages Hard Leatherette Cover $26 95 Postpaid. Diamond Farm Book Publishers, Dept LF. Box 537, Alexandria Bay, NY 13607

Partly selling out, mostly one owner equipment New Holland 770 harvester with 2 RW cornhead, $2800 770 N2 cornhead, $1500 (new) New Idea 325 narrow cornpicker, $3600 MH 82 combine, $2500 Int 550 5x16 plow, ready to go, $1250. Int 510 plain grain drill, double disc with grass seeder 21 x 7 $3400, like new No reasonable offer refused Dealers invited 215-926 5177, after 7 P M 215-926-3243.

For Sale - Cornplanter, White 5400 air planter, no-till, (6) 30" rows, population monitor, excellent shape 301-795-2531

As Is - best offer - M Farmall $695, Hand start JD B $650, Hand start JD B $475, JD 10' roller harrow $495, 16 disc McD grain drill $200, 4 wheel wagon $300, MH 13' SP combine $495, 215-944-8544 Berks Co

---

For Sale - JD 2 row (horse) corn planter with long tongue and double-tree, good condition $235 717-548-2559

L225 Kubota, 3 cylinder, diesel, 24 hp 70 hrs, 2 speed PTO, loader, 3 pt hitch, excellent condition 717-966-0231

For Sale - Single wheel front end attachments with 7.50 x 10 tire to fit Farmall H Lehigh Co 215-298-2011

FARM EQUIPMENT

Berg barn cleaners in stock New extra heavy duty replacement chain will fit most cleaners, trouble free at truck load prices Compare quality prices before you buy Berg special alloy nickel content chain, 10 ga copper content chute, 10 year warranty 205' chain use 1 yr Complete line of standby alternators Lanc 215-445-5309

Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans, high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition. $3800 firm 609-769-3183.

For Sale - Used IH 500 cyclo planter, 6 row, 30" with No-till Coulters and Liquid Fertilizer. Call SWOPE & BASHORE, INC. 717-933-4138

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2 Mobile Home trailer axles with electric brakes & good tires, $175 ea 717-687-6553, eves & weekends 717-687-8021

3600' of 40' length 6" aluminum pipes. 201-537-2674

Wanted - Original steel wheel for Massey Harris 101 or JD A or B Levi S Zook, Rt. 1, Quarryville, Pa. 17566

Case 6-16 auto reset plow with on-land hitch, IH 56 4 row corn planter, fiberglass boxes 717-384-4110 call 6-7 a.m

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Case 1070 cab-air, 970 hrs, IH 450 4 bottom plow, 3 pt. hitch, auto reset, Washington Co 301-797-4118

Air Conditioned Cab Year-A-Round cab, series QT1 model 214, 2 yr old, $1500 201-449-6140

New bale throwing beds, size 8x8x18, all oak 215-273-2594

14' Brilliant cultipacker with transport wheels, Stump Acres, York Co 717-792-3216

For Sale - Farmall A plows, cultivators, draw bar, good condition, priced to sell, 717-788-1905

For Sale - 1 Dion self-unloading wagon with roof, 2 yrs old, excellent condition PH 301-836-1418

For Sale - IH PTO corn binder, needs new wood, otherwise very good, New Idea 4 bar side rake on steel wheels with tedder, very good 717-222-3875

For Sale - old Wood Drop Reaper, very good condition, collector's piece 717-222-3875

For Sale - 1975 Farmall hydro 70 diesel, wide front, 3 pt, 16 9x38 tires, set rear weights, front weight bracket, 1300 hrs, excellent condition, Jefferson Co 814 856-2891

New Farm Machinery Parts roughly 10 yrs old from NH, MF, and NI dealership, would give to a church or fire dept for their disposal, plus lots of other accessories Call 301-838-7271

For Sale - Tractor JD Cyclone Model A Int 2B-14" plow on rubber, no reasonable offer refused 301-838-7271 before 8 A M

Crawler Tractor Parts.
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders
Call or write for equipment & parts brochure
VILSMEIER EQUIPMENT INC.
Route 309
Montgomeryville, PA, 18936
Phone 215-699-3533

For Sale - 2 AC G type tractors with cultivators & many parts One Hardee hi pressure sprayer with 30' boom 60" heavy duty 3 pt. hitch bed former 203-626-5610 days, 203-289-2370 eves

FARM EQUIPMENT

Sale - CA Allis, good condition, $1000, 2-14 snap coupler slat moldboard plow, $185, 2 row cultivator available 717-392-5384

Mulch Planters, Layers, Plug Mix, Transplanters, Parts, Used Farmall 140, B, Allis G FRIENDLY PHIL GARDINER 609 881-7023 Early morning, EVENINGS

For Sale - 1968 JD 45 combine, 10' grain head, 234 corn head, excellent condition, 237 corn picker, Roger Krumrine, Westminster, MD 301-346-7514

320 NH baler, 18' bale wagon, 28' King Wise elevator 717-789-4302

For Sale - JD 8250 double disc 7 x 14 grain drill 215-588-2839

For Sale - Farmall 300, Farmall Super MTA, both have torque and live PTO, IH 990 7' haybine, IH 15 & NH 55 hay rakes, NH 271 PTO baler with thrower, NH 36 crop chopper, all field ready 215-562-4464

Hesston 620 SP haybine, 10' head, excellent condition, ready to go, reason for sale purchased 6600 at farm sale Twin Oak Farms, 717 786-2146

For Sale - Oliver manure spreader, ground driven, new rubber and drive chain Excellent, Suitable for small farm $380 Perry Co 717-438-3556

FARM EQUIPMENT

NH crop cruiser forage wagon, 3 beaters, on JD tandem gear, excellent, $3500 717 653-5923

JD TOOL BAR PLANTER 4 row, units could be sold separately
BRILLION 18' HARROW
4" IRRIGATION PIPE with sprinklers
ORCHARD TOPPER, cutter bar type
CALL 717/382-4878
MAPLE LAWN FARMS, INC

JD 2 row corn planter, 3 pt hitch, good condition $395, 215-678-2325

Wanted to Buy - JD model 820 3 cyl diesel 1969-1972 Call 215 539-9479

One row potato plow, very good condition, $125 York Co , 717-755-3740

Wanted - Good potato digger and grader and planter, Jacob E Kauffman, Box 282, Rd 1, Christiana, PA Along Bell Rd

Wanted - 4 row cultivator for Oliver 70 Also wide front end 609-386-4547

For Sale - 1 810 Gehl chuck wagon, 16', excellent condition, 301-692-6561

For Sale - Badger forage wagon with roof, single axle, 8 ton running gear, excellent condition 717-668-5215

For Sale - Owatonna Bobcat 1200 717-354-7561

LANCASTER SILO CO., INC.

2008 Horseshoe Road - 2436 Creek Hill Road
LANCASTER, PA 17601

"MAY" EQUIPMENT SPECIALS

24x70 USED LANCASTER SILO w/NEW VAN DALE UNLOADER
18x50 USED LANCASTER SILO

1 - USED ROLLER w/MOTOR $500.00
1 - USED #200 ROLLER MILL w/3 H.P. MOTOR — 1 YR. OLD $950.00

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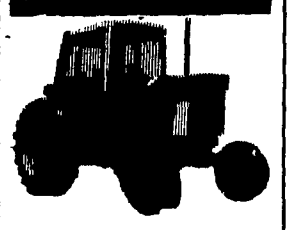

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N6 rotary
N5 rotary
709 Uni-System
USED COMBINES
1977 LKS w/heads
Int. 205
MF 410
Deferral on combines, New & Used
NEW TRACTORS
7020
6080
185
5030
Deferral on New & Used Tractors

USED TRACTORS
IH 1206 (606)
IH 454
AC 7000 w/cab

USED EQUIPMENT
JD 494 A planter
JD 6-row 1250 planter
Hawk Bilt 207 tank spreader
JD 24T baler w/thrower
New & Used windrowers

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MERCURY OAKLOT (717) 758-3915

MF
Massey Ferguson

USED EQUIPMENT
IH F-1066 Tractor
Farmall Super C with Loader
MF 65 Tractor
MF 135 Tractor
MF 230 Tractor
MF 255 Tractor
MF 265 Tractor
MF 1105 Tractor
Ford 4000 Tractor with Loader
MF 81 Hay Tender
Used Plows
Used Balers
Used Drills

NEW EQUIPMENT
MF 154-4 Tractor
MF 30B Tractor Loader
MF 1050 Grinder Mixer
MF 750 Combine
MF 620 Disk
MF 33 Drill
MF Mowers
MF Plows
MF Rakes
MF Balers
MF 925 Conditioner
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Bearcat For. Harvester
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FARM EQUIPMENT

Woods C-80 3 pt rotary mower, good condition, $550 Baltimore Co , MD 301-833-9098

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USED EQUIPMENT
AC 160 Tractor
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
NI 717 Combine w/4 row corn head & 15' platform
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
JD 24T Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

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JD 7000 6 row conservation planter
Spring Tooth Harrows in Stock
Grimm Tedders in Stock
H & H Bale Bodies
JD 111 Disk
JD 7000 - 12 row N folding planter

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Neshanic Station, NJ
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Just 3 miles off Rt. 202
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Ford Tractor Equipment

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Hesston Stakhand model 10
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AC hay conditioner model 904
Ford haybine, model 535
Ford baler model 532
NH SP combine, model 975
MC rotary scythe
Ford tractor model 2600 diesel w/cab & broom
Ford 3600 diesel
Ford 4600 w/valve
Ford 5600 130 hrs.
Ford 6700 diesel w/canopy
Ford 7700 rear wheel weights, 600 hrs.
Ford 8000 diesel, 23.1x34 rear tires
Ford 8000, new paint, new tires
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MF 165 gas engine
Case 541 tricycle front end
MM model 445, gas engine
Ford model 641 w/side mount mower
Ford 3000, new paint
New Ford TW20 Tractor, 14 h.p. $24,000
New Ford 6 Row Corn Planter, fert. attch., no-til $6,995.00
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For Sale - 12' JD chisel plow, only used 80 acres IH 616 auto reset plow, 814 766-2733

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3 used hay racks w/gears $550 each
Dunham series 41 cultimulcher w/17" packer wheels, 12'2" w/cylinder & hoses, New $3400.
18' haywagon w/racks 8 ton gear, nice cond. $995
Kasten 16' 3 beater forage wagon w/roof 10 ton gear $1385
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NI 310 1 row picker $2500.
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
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Badger manure spreader Model 205, 205 bu. $900.
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2-45 Tractor
(3) Model 5400 4-Row Planters

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213 Spreader w/Single Beater
214 Spreader w/Single Beater
243 Spreader
245 Spreader

BRILLION-
12 ft. Pullveriser

GEHL-
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4400 Skid Loader
940 Metal Forage Box

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Oliver 3242 Mtd. 3-Bot. 14" Plow
Oliver 1850 Gas
White 5400 6-Row Planter, Dry Fert. w/Auger Attachment
MF 4-Row w/liquid fertilizer
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Gehl 99 Forage Blower
Int. 550 Spreader w/ Hyd. End Gate
Liq. Fert. Sprayer, ground driven, with John Blue 2-Piston Pump

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Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
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Oswalt Mix Wagons
Grain Drill with band seeder
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JD 1240 4 row planter with new fertilizer boxes	$1450
JD 494 4 row planter	$300
AC 4 row corn planter no till coulters	$800
White 4 row planter, no till attachment	$1500
IH HD disc 13'	$1300
JD 24T baler w/ejector, good condition	$1800

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New Summer Hours
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New Long 510DT	2 IH 1066 w/cab
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Ford 9000	8 2120 2 w/cab
Ford 8600	JD 2030
4 Ford 5000, 1 w/cab	3 JD 2020
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5 Ford 3000	JD 1010
Ford 2000	D2 Cat crawler
Ford 971	Jaegar irrigation pump
Ford 641 diesel	MF 175
Ford 8N	Ford F100 P U 1973
Roadless 95 4WD	Farmall H

¼ Mile East of Exit 6 I-81

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Wanted - Good wooden wagon wheels or complete gear, Christian B King, Rd 1 Box 248, Christiana, PA

For Sale - MF 1135 cab and all; also set of 18438 snap on duals 717-648-7994

NI hay crusher #752, good condition, Benuel S Lapp, Rt 1, Narvon, PA, 17555, 1½ mile SE of Churchtown

FARM EQUIPMENT

Used very good condition Hesston Stackhand 10 with 10W Stackmover Extra belts and 2 complete sets of hay guards included $3000. 215-598-3980 after 7 p m

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With reduction gear	$2200
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Will trade in your used engines

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1 - NH Model 892 (Demo) w/new factory warranty Forage Harvester complete with long tongue, electric controls, 880 windrow pickup and 822 corn head. $10,500
1 - NH Model 30 Blower (Demo) w/new factory warranty $1600.
1 - NH #8 Crop Carrier (Demo) w/new factory warranty w/extension sides and roof and NH Model 238 wagon w/12.5L tires $5500.
1 - New NH TR70 Hydrostatic Combine with 13 ft. grain table. Call for special low price and get $2500 rebate from Sperry New Holland in May only.

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MF Massey Ferguson

NEW EQUIPMENT IN STOCK

MF 245 DLS Tractor, 8 SP	MF 43 Plow
MF 255 DSL Tractor, 8 SP	MF 129 Chisel Plow, Mounted
MF 255 DSL Tractor, MP	MF 129 Chisel Plow, Pull Type
MF 265 DSL Tractor, MP	MF 640 Planter
MF 154/4 DSL Tractor	MF 33 Grain & Fertilizer Drill
MF 184/4 DSL Tractor	McConnell 16 ft Transport Harrow
MF 120 Baler	McConnell 16 ft. Cart Type Harrow
MF 124 Baler	McConnell 20 ft Transport Harrow
MF 22 Bale Thrower	Glencoe Soil Saver
MF 25 Rake	
MF 520 Disc	

USED EQUIPMENT

(2) - MF 135 Gas Tractor	NH L 775 Skid Loader
DB 1200 Deisel Tractor	NH Balers
Bobcat Melrose 700 Skid Loader	NH Haybines
	NH L35 Skid Loader
	Mathews Chopper

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JD 6600 Hydro Diesel Combine
Farmall 966 Tractor w/cab
Farmall 1066 Hydro Tractor with cab
AC D17 Series 4 Tractor w/snap coupler
Case 2290 Tractor, cab and air w/150 hours
JD 1530 Diesel Tractor w/48 loader
Farmall 460 Gas Tractor
JD 7000 4R Maxi-Merge Planter, used 2 seasons
JD TWA Plowing Disk
IHC 2350 Mount-O-Matic Loader w/8' bucket, excellent
JD 20x7 Grain Drill, no fertilizer
IH 1466 tractor w/red cab, air, dual hydraulics, dual PTO, 1000 hrs., super sharp!
IHC 1066 w/fresh motor (SOLD)
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Farmall 1086 w/ cab and air
MM 602 Diesel Tractor
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Lilliston Rolling Tomato Cultivator, set for 3-5' rows
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FARM EQUIPMENT

USED FARM EQUIPMENT

NH 479 Haybine	$2775
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NH 273 Baler w/or w/o thrower	$1890
IHC 37 Baler & thrower	$950
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IHC Tedder	$150
Cunningham Crimper	$175
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NH 27 PTO Blower	
NH 1880 210 h.p. 3R Fg. Harv	$13,850
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NH 518 Spreader w/hyd. endgate	$1950
IHC 155 Spreader	$875
AC B Tractor Plow & Cultivator	$985

2R Planter w/fertilizer
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SPECIAL PRICES ON NEW

NH L35, L325 Skid Loaders
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NH 14, 230, 235 Wagons
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NH 513, 519, 679 Flat Bed Spreaders
NH 782, 892 Harvesters and Heads

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FARM EQUIPMENT

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D6206 Deutz Tractor, 61 h p
D5207 Deutz Tractor, 52 h p
D4506 Deutz Tractor, 45 h p
DX 120 Deutz Tractor, 110 h p
DX 120A Deutz Tractor, FWD, 110 h p

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Oliver 1750 diesel
JD 620 Gas
JD 730 Diesel
JD 2020 w/loader
JD 1520
JD 2030 diesel

USED EQUIPMENT

1250 6-Row JD Cornplanter
JD 7000 4-Row Planter
White 4-Row No Till Planter

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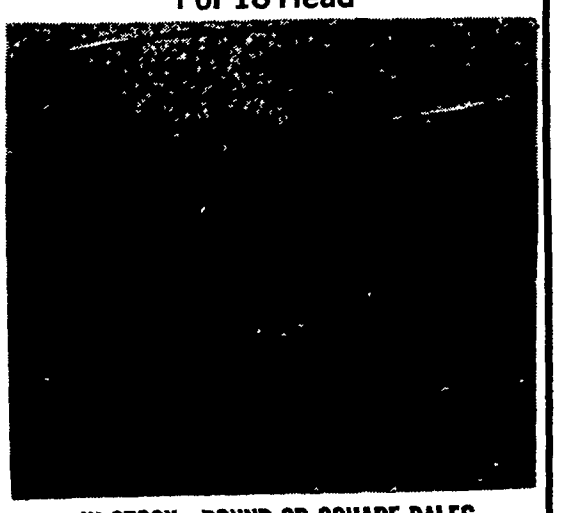
ROUND STEEL HAY RACKS
For 18 Head



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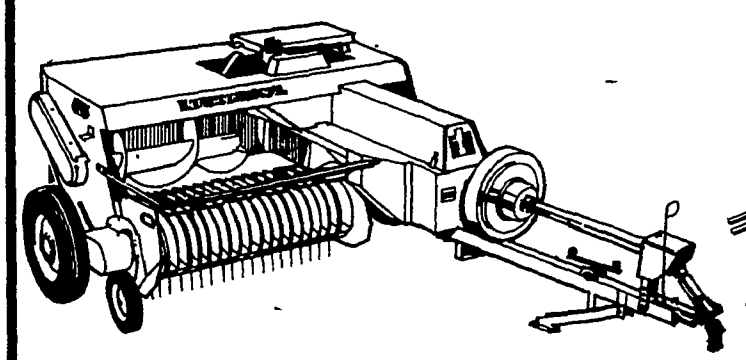
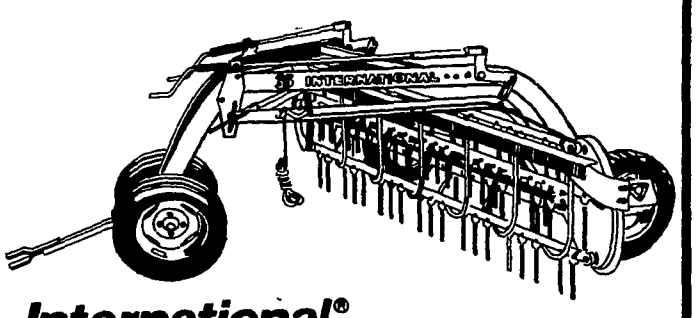


International® 425 Baler



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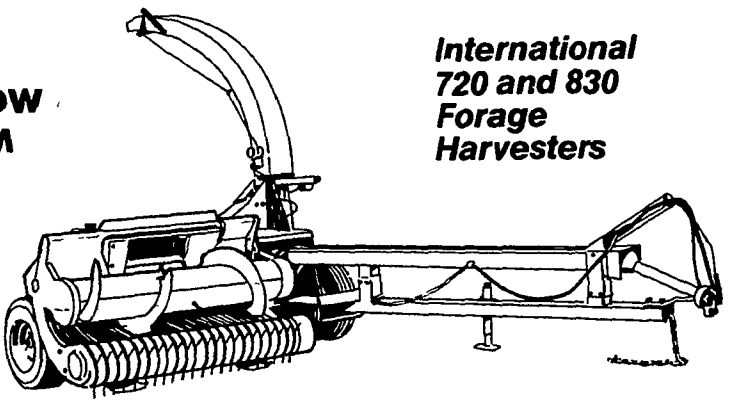
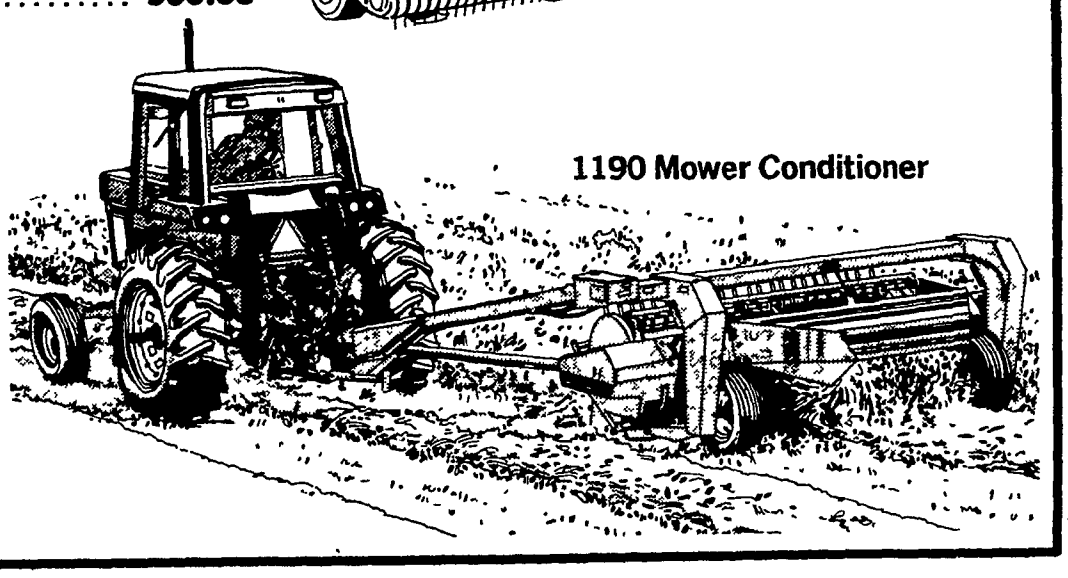


International 720 and 830 Forage Harvesters



1190 Mower Conditioner

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Farmall M
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Gleaner CII w/13' grain, cab w/hillside rattle chain, late model $600
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IH 76 7'
MF 410 grain head
MF 510 quick attach through

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JD 38 2 or 1 row
IH 550 2 row w/pickup
IH 55, 2 Row
AC 780 2 row

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2 IH 10'
JD 14'
2 JD 12'
Oliver 12'
JD 110 14'

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IH 5-16" steerable
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JD 950 22 h.p.
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JD 4240 no (SOLD)
JD 4240 Cab, Quad
JD 4440 Cab Q.R. Radials
JD 4840 Cab Q.R.
JD 7720 Combine
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(2) JD 7000 6R Reg. Planter
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JD 7000 18R Front Fold
(2) JD 8300 23x7 Grain Drill
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Brill. 20' Packer w/trans.
Brill. 23', 25' Fd. Packs.
JD 3960 Fg. Harvester
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JD 115 10'2" Disc
JD 215 11'5"
JD 215 12' 10"
JD 235 17'1"
JD 235 19'11"
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JD 4430 Tractor
JD 4430 Tractor
JD 4020 Tractor WF Side Console
JD 4020 Tractor WF
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JD 2010 Tractor
JD 950 Tractor
JD 850 Tractor
IHC M Tractor
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
JD 227 Corn Picker
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 51 Corn Planter w/Liq. Fert.
JD RWA Disc
Athens Disc
Brillion 13' Cultipacker on Transport
JD 15 Disc Van Brunt Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 272 Cut/ditioner
NI 279 Cut/ditioner
JD 145 6B Plow
JD 1450 5B Plow

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	List	Sale
(2) 489 haybines, 9'	$8301	$5800
472 haybine, 7'	$6101	$4450
(2) 474 haybines, 7'	$7048	$5295
(4) 132 elevators, 17'	$443	$345
(8) 8' sections	$131	$109
718 12 knife harvester	$6654	$5200
2-row crop head, narrow row		$1500
Pickup head		$925
230 wagon	$812	$650
(2) 234 wagons	$970	$750
213 spreader		$1995
Century sprayer w/125 gal. plastic tank, 12 row, sulky, 6 roller pump		$900

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Lake Ariel, Pa.
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Used & rebuilt Detroit Diesels - Engines & Power Units. Specializing in GM & Detroit diesels, tune up & rebuilding, New Murphy diesels 6 thru 112 HP, air & water cooled diesels.

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1 Used DVA-1500 Slanzi

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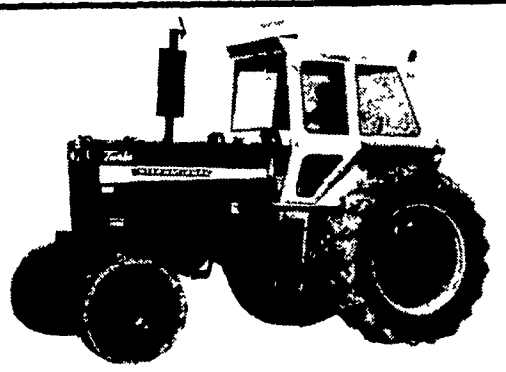

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10 miles S. of Lancaster along Rt. 222

GUARANTEED
QUALITY USED TRACTORS

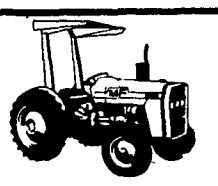
MF 300 quick attach combine w/cab & air, very clean
JD 4400 combine, cab & air, clean
Gehl 3000 skid loader w/3 buckets, 360 orig hrs, like new
IH 806 D, wf, 3 pt, local trade in, very good tractor
JD 4030 quad ra SOLD y equipped, 1976 model, 1000 hrs, local trade in
NI 737 husking unit
4020 D, PS, wf, good clean tractor
806 D w/wf, 2 pt hitch, engine overhauled last fall
2 (1) Farmall M, like new rubber, exc shape
IH 806, wf, 3 pt, orig
NH 717 super chopper w/2-row wide head, grass pickup & single row head, less than 200 acres on machine
JD 620, excellent condition
JD 4020 diesel, side console wf, diff lock dual hyd, very nice
IH 856 diesel, wf, 38" rubber, 3 pt, clean
MF 65 diesel, wf, 3 pt, PS
IH 706 diesel 3 pt, dual hyd
Farmall 450 gas w/fast hitch & PS, $1800
NI Uni System 701 w/combine & 11' head

MISCELLANEOUS

Cab to fit 56 & 06 series, $375
IH & JD rear & front weights
JD KBA 28 blade disc
18 4x34 axle mount duals w/hubs for IH, $500

Box 91 New Providence, PA. 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 2400 Dsl Tractor w/Loader
IH 460 Tractor
IH 340 Farmall Tractor
IH 300 Farmall Tractor
IH 684 Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 135 Tractor
MF 40 Dsl Tractor and Loader
MF 35 Tractor
Ford 6000 Tractor
Ford 8N Tractor w/Loader
Yazoo Model YR 48 Mower
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
Hesston #10 Stacker
NH 1033 Bale Wagon
MF 760 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
IH #14 Rake

NEW M.F. EQUIPMENT

MF 1085 Demo Tractor
MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 285 Demo Tractor
MF 285 Tractor
MF 255 Diesel Tractor
MF 230 Diesel Tractor
MF 230 Turf Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 30B Tractor w/Loader & Cab
MF 30B Tractor w/Loader
MF 20C Tractor w/Cab & Loader
(2) MF 124 Baler
MF 246 Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
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NEW EQUIPMENT

TRACTORS
JD 750
JD 850
JD 950
JD 1050
JD 2240
JD 4240 w/SG & QR
MF W/D

TILLAGE EQUIPMENT
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD 415 Rotary Hoe
JD RM4 cultivator

HAY TOOLS
JD 1209 Mower Cond.
JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
H & H 18' Bale Bodies
NH 1037 Bale Wagon

COMBINES & HEADS
JD 643 Head
JD 6620 Combine
JD 7720 Combine

FORAGE EQUIPMENT
JD 3940 Fg. Harvester
NH 782 w/822 Head
NH 8 Forage Box
NH 28 Blower

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
NH 513, 519 & 679 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

USED HAY TOOLS
2 - NH 275 Balers w/throwers
NH 270 Baler w/chute
JD 24T Baler w/chute
Gehl 600 Forage Harvester w/pickup and 2 row wide corn head
NH 717 Forage Harvester w/pickup
NH 479 Haybine
NH 990 Mower Conditioner
AC 390 Mower Conditioner

USED NH 1495 HAYBINE, FULL CAB, $14,000

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FARM EQUIPMENT

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
MF 2675, 24 speed, cab
MF 205-4 diesel
MF 285
MF 1080 diesel
MF 1150 w/cab
MF 1150 w/duals
MF 1100 w/cab, low hrs.
(2) Farmall 450 Diesels
MF 1130 diesel
Oliver 550 diesel
Ford 4000 gas

Combines
JD 55 diesel, cab, 3 row
JD 45 cab, 2 row
MF 300, cab, 3-row

Hay
JD 336 baler w/thrower
NH 479 haybine
Hesston PT7
Hesston PT10
Hesston 1014 - 10'
Hesston SP6600

Tillage
Moore no till drill
10' Bearcat pulvimulcher

Spreaders
NH 519 w/hyd. gate
Gehl 250
(2) Starline 180 bu.
Hawk Bilt 150 bu.
NI flail

Forage Harvesters
Field Queen side dump

Miscellaneous
Gehl 120 Mixall
Shaver 12" post hole digger
Shaver post driver

Harvesting
NI 318 grinder unit
NI 2-row Super sheller, new
NI 314 sheller
NI 2-row picker, 8 roll
Oliver 1-row picker
M.C. grain dryer

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FOR SALE

USED TRACTORS
AC 7030 cab & air, 7000, 200, XT190 series 3, 185, 175, 5050, 5040, 160 w/loader, D17's, D15, B w/plow, G w/hyd., D12 high clearance w/cultivators.
Ford 5000, 3600 diesel, 2000 w/loader, 650 w/loader, 3000.
Int. 674, 666, 560D, Super MTA, Super M, 230, 140 high clear., Super AV w/cult., Super A w/cult., cub w/rotary mower, 424 diesel w/loader, 544D.
Case 430.
Oliver 1550 diesel

USED TILLAGE TOOLS & MISC.
2 Ontario grain drills
JD 5 bottom 3 pt. semi mount reset plow
Ford 2 bottom 3 pt. plows
MF 3 pt. disc cultivator for Super A
JD 2-row trailer corn planter
IHC 12' spring tooth harrow
JD 10' transport disc
JD 8520 disc grain drill
Grimm hay tedder
AC semi-mt. 3 btm. 3 pt. hitch reset plow
Ford 3 btm. 3 pt. hitch reset plow, 16" & 18"
AC 5 btm. 3 pt. hitch semi-mt. plow, spring trip
IHC 13' offset disc
AC 4 & 6 row conventional & no-till corn planters
NH 273 & 315 hay balers w/thrower, exc. cond.
AC 25' centerfold - offset trans. disc, like new.
New Crust Brush offset plowing disc at old price
Howard 5' 3 pt. hitch rotovator
Brillion cultipacker
JD loader model 48
Gehl 115 & NH 354 mixer grinder mills
Rogers 10 ton tag along trailer
Cab for 5000 Ford
NH 145 bu. tank spreader, exc. cond.
1-row potato digger
Brillion 5' 3 pt. hitch landscape seeder
Nicholson PTO hay tedder
Ford 3 pt. hitch disc
NH 707 chopper w/corn & pickup head
JD, AC, Ford & MF 2-row 3 pt. hitch corn planters.

MOWER CONDITIONERS
NH 467, 477, 478, 479
Hesston PT7, PT10

CUTDITIONERS
NI & MC 7' & 9'
Used 3 pt. hitch hammer knife mowers, JD & Mott

IN STOCK FOR IMMEDIATE DELIVERY
New Brillion cultipacker seeders & transport spring tooth harrows
AC 4 & 5 bottom 18" semi-mt. reset plows
Transport disc harrows
4 & 6 row no-till & Conservation corn planters

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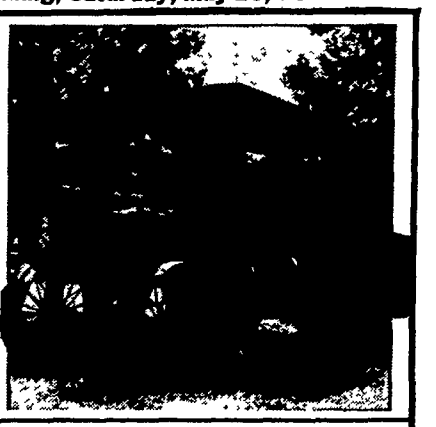

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case 4490 TRACTOR

210 eng. hp* (156 kW)
175 PTO hp** (130 kW)
*Mfr's rating / **Official test

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Call For Your Deal

USED MOWERS

Like New Roper Riding Mower, 14 HP. w/42" Mower and 32" Snow Blower
Case 16 HP Riding Mower w/48" Mower

USED EQUIPMENT

IH 9 Shank Hi Clearance Chisel Plow
New Idea 9 Ft. Cut-Ditioner w/New Flails
610 Gehl 6x16 2 Beater Forage Box
Gehl 180 Spreader w/Hy. End Gate, Excellent
MF Transport 13 Ft.6" Disc
Parker Bin on Gear
Cultipacker 8 Ft., 15" Wheels
Brillion 10 Ft. Field Cultivator on Transport
Sauder 7 Ft. Front Mt. Snow Blade
JD Model 350 Hyd. Reset 6x16 Plow w/Accummulator w/New Mole Board
McCurdy Grvity Bin on Case 8 Ton Gear
Ford 3 Pt. 2 Row Model 309 Corn Planter
10 Ft. Pull Rotary Hoe
Bush Hog Rebel 5 Ft. Cutter
12 Ft. Hydraulic Auger For Gravity Bin, Extra Long Hose
IH 12 Ton Gear w/12.5L x 15 8 Ply Tires
AC 4-16 Mono Frame Plow, Semi Mt.
IMCO Box Scraper
JD #60 Forage Blower
Hesston Pt 10 9 Ft. Haybine
New Holland Super 68 Baler w/#50 Thrower
Oliver Model 252 Transport Disk Harrow, Nice
Brillion 11 ft. Transport Packer
Heavy Duty Loader to Mount on MF Tractor, 3000 lb. lift capacity, 7000 break out force, quick attach, like new.

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New Kools KB 57 Hi Performancer ..... Only $1889
Used John Deere Model 60H $280

USED TRACTOR SPECIALS

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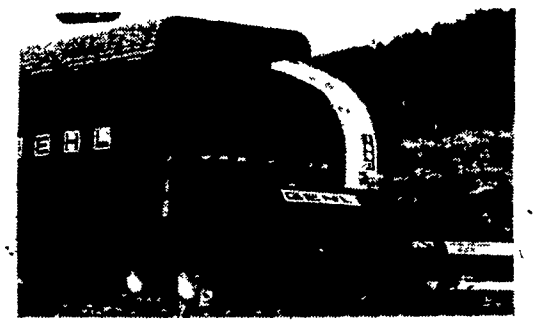
MF Model 2805, Cab, air, heater, 3 speed P.S., 20.8x38 rear tires w/axle duals, 3 remotes, 194 H.P., late model, call for your deal.

Case 870 Diesel, power shift, 1837 original hours
2 Case 1830 Skid Loaders
Owatonna Mustang 1700 Perkins D Skid Loader
Owatonna 1000 Skid Loader, 60" Bucket & manure fork
IH 3514 D Backhoe Loader Tractor
Case 530 w/Loader
Ford 5000 D w/Loader #727
4230 John Deere, D. 4 post canopy w/enclose kit, 2400 hr., front weights, 18.4x38 rubber
990 David Brown D Select-A-Matic
MF 65 Diesel Tractor, wide front, high clearance, fair cond., motor overhauled...$2900
Case 1030 Diesel Tractor, late model Comfort King, western style
Ford 860, Blue paint...$2800
Deutz 9006, Diesel, Tractor...$7900
Farmall 706 Gas, Drawbar, Hydraulic Remotes, Dual PTO, TA,...$3850
Deutz 1977 Model 100-06, 18.4x38 rear tires, like new, roll bar, low hours...$12,800
Case 970 Diesel Tractor, P.S, late model, 1700 hours.
Case 1070 Diesel Tractor, w/cab, heater, P.S. late model
Fiat Allis model 12 Ga., crawler loader, P.S. forward and reverse, canopy - priced to sell.
Used Case 2090 Diesel Tractor, C.A.H., 20.8x38 rear tires, 8 front end weights, P.S., Presidents chair swivel seat...$21,800



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Call or Stop in for your special deal with waiver of finance until September 1, 1981

NEW FROM GEHL... 1080 Disc Mower Conditioner

Learn The Secret to high-speed, disc hay cutting. We'll give you a special Gehl Disc Mower Demonstration

★ **The Unpluggable Time Saver With Speeds Up to 10 Miles Per Hour**

Cut, condition and windrow up to 7'10" in even the heaviest crops with this disc mower-conditioner Six counter-rotating, three-knife discs slice through your crop at up to 54,000 cuts per minute, leaving your fields cut short, smooth

Specially tempered reversible knives feature a 15° lift on the heel, to cut your crop, then lift it, allowing the cutterbar to slide under your crop, reducing machine-crop contact A special deflector on top of the disc then lifts the crop into the conditioning rolls

The conditioning rolls then aggressively grab the crop, yet gently condition it, cracking the stems at uniform intervals to speed drying, reduce leaf loss

The 1080 disc mower-conditioner features a heavy cover shield adjustable skid shoes for varied cutting heights flotation tires hydraulic lift ram adjustable flotation and conditioning roll pressure stone guards and more!

IN STOCK

IF YOU ARE TIRED OF PLUGGING WITH YOUR CONVENTIONAL MACHINE, CALL FOR A FREE DEMO.

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OUR DEAL OF THE MONTH:
NEW BEARCAT 101 HYDRAULIC GRINDER-MIXER

Set up with flotation tires, 1,000 R.P.M. P.T.O., 101 Bu. mixer, 144 reverse hammers, heavy duty cast iron frame, 18" mill.

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Little Giant Model 21

High Capacity portable elevators for all crops. 34 ft. and 38 ft. available setup.

BALER SPECIAL:
N.H. SUPER 68 WITH #50 THROWER

NEW FROM GEHL:
204 WHEEL RAKE

4-wheel, 3-point hitch mounted hay rake Bad weather, or even a heavy dew doesn't have to spoil your hay crop, not with one of the NEW finger-wheel rakes from Gehl!

SET UP, IN STOCK
$885

THIS WEEK'S SPECIAL

GEHL MODEL 640 SELF UNLOADING BOX

Continuous drive, 6x16 less roof, with 3 beaters, mounted on 8 ton McCurdy short turn radius wagon w/11L flotation tires, extendable hitch.

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★ NEED A BOX FOR HIGH MOISTURE HAYLAGE
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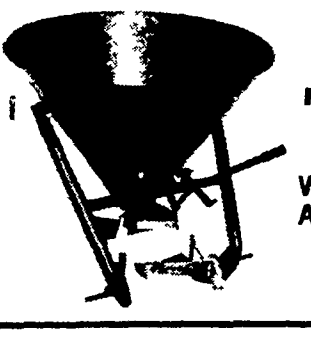
A.O. Smith Harvestore
MODEL 400 ROLLER MILL
In good condition on transport wheels.
New Price Is over $3200

OUR PRICE ON THIS UNIT: **$1900**



New 3 pt Hitch
AVCO E.Z. FLOW FERTILIZER-SEEDER COMBINATION SPREADER
With Agitator **$588**
Less 20% OFF This Week

NEW 43 H.P. DEMO DIESEL TRACTOR
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REBATED PRICE:
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Ford 7700 Dual Power
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Ford 2600D w/Loader
Ford 2600 Gas, Power Steering
Ford 4000 w/Loader
Ford NAA w/Loader
Ford 8N w/mower
Ford 3400G w/Loader
IH 666 D WFE
IH 560 w/3 pt.
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH 300 Loader/Backhoe
IH Cub w/mower
AC 5040
AC 160D
AC D17 3 pt.
Case 1740 D unloader
Case 830 CK
MF 2135 w/Loader
MF 135
MF 65 G, PS
MF 35 Live PTO
Satoh 650 w/loader
Satoh 650 w/blade
JD 1530
EQUIPMENT
JD 95 bu. Spreader
Ford 4B 3 pt. Plow
AC 4B Plow
Ford 309 Corn Planter
Ford 532 Baler
Ford 3 pt. Rake
Bushog 12' Disk
JD 7' Flail Mower
Ford 501 Mower

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TRACTORS

IH 340 TRACTOR
Fast Hitch w/3B plow & Mower

IH 1066, Cab w/Duals
MF 180 Diesel
JD 4040, 170 hrs.
JD 2630
JD MT
White 2-105
MF 1085
COMBINES
IH 205
IH 915 w/2 heads
JD 215 Flex Head
(3) JD 444 Corn Head
PLANTERS
JD 494A
MF 468 6 Row
IH 56
IH 6R-400 Liquid
(2) IH 4R 400 No Till
Ford 4R 409
Ford 311
HAY TOOLS
JD 24T Baler
NH 269 Baler
NH 479 Haybine
TILLAGE
JD 2600 5B Spring Reset Plow
JD 2500 6x18 Plow
JD 1450 5x18 Plow
JD 345 5 Btm. Plow
JD 950 12 ft. Roller Harrow
Brillion 12' Roller Harrow
Oliver 12½' Wheel Harrow
Ford 10' Disc
JD 1610 PT Chisel Plow
JD 146 Loader

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1 Used 2100 gallon Augermatic Spreader w/Plow Down Attachment, Good Cond.

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Both vacuum & augermatic spreader units available

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WHY? IT'S "BILT-BETTER"

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- Madison Silos - Call For Price on New 15' Grain-o-Matic Silo...Just Right For The Small Dairyman.

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ERB & HENRY EQUIP. INC.
New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169

TRACTORS & EQUIP. JUST TRADED Farmall 1086 cab, air, diff lock, radio 20.8x38 tires 3 valves w/107 hrs. like new for $25,500.00, Farmall 856 D real nice; Farmall 560 D WF, Used JD 2940 w/front wheel drive and cab used 350 hrs.; used JD 2640 w/cab and 300 hrs. both purchased new in 1980, like new; JD 4010 tri D; White 2-105 w/roll guard, ACXT190 real nice; used JD 4 row conservation planter w/liquid Fert.; 3 new and used Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; IHC 710 5x18 reset, JD 7000 six row planter w/Inst. & monitor real nice; used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2640 fully eq. Haybines - N.H. (SOLD) 489, 479, 469; Used NH 256 rake; corn heads; Int. (SOLD) 863 Gleaner K330, F330, E330, A430 for F or F2, JD 443; Gleaner K Combine w/cab and grain head real sharp; NI 702 Uni Diesel w/combine and 10 ft. grain.

Tractors and Eq. rec. this week. Int. 4366 4 whl dirve w/C.A. dual wheels and 3 pt., White 4-150-4 whl drive, fully eq., JD 4430 C.A. QR & Dual wheels, Int. 574, MF 165 (SOLD) D, MF 175D. Planters AC 6 row no-till; White 6 row w/no til fert. fill, inst. and monitor, New NI 323 one row picker. JD 336 Baler w/thrower, Int. 445 baler w/thrower just like a new one.

NEW FARMALLS: 1086 C.A. 18x38 tires, dual hydrl. for $27,900. now only $27,500. New 886 C.A. diff lock 2 valves $22,900 now only $22,500. New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 Power Shift; 4020 w/Diff. Lock; 4430 C.A. QR., JD 3020 side console W.F. diff. lock, dual hydraulic; JD 1530 Diesels w/Hi & Lo shift; 2020, 1520, 730D, 720D, Used Farmall 886 w/R.G. real nice, New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, Farmall 706D W.F., original, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F., 1968 JD 4020 W.F.

M.M. Vistar 1000 w/cab and air and dual wheels, (New Gehl 1090) = 9 ft. haybines - below dealers net = our price $4450.00

COMBINES 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C II.

Just traded Gleaner K w/cab, grain and C.H. Gleaner G diesel w/cab and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain, Int. 82 Pull Type (clean). Gleaner F w/2 heads. Late model Int. 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads.

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", Gleaner (SOLD) M630, Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C.H. (Skid Loaders) Bobcat 720.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; JD 4520 w/triple hyd. for 11,900. Nice JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; AC D17 IV w/3 pt.; New NI 324 picker w/super sheller; JD 7000 4- row planter w/no-til attch.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual hydr.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab, AC D17 D, W.F.

Case 930 CK w/5X Plow.

Just Received New J.D. 2940 w/front wheel drive, New JD 4440 cab, air, power shift, JD 4000 diesel

J.D. 4010 gas, JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 806 diesel, 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Tractors & Eq. - Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H. Farmall 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300.

HARVESTERS. (New) Gehl 700 fully eq. w/2 row corn & pick up priced under dealers cost. New Holland 770 w/2 row, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H., NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 4030, 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/W.F. 630 w/3 pt., 60 w/p.s.

FARMALLS: 1586 w/cab fully eq. w/duals, used 400 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.

New White 2-105 w/cab $22,850.

MASSEY FERGUSON new 1105 w/cab, & 20:8-38 tires for $19,500. MF 2805 used 600 hrs. w/dual wheels, 1130D, M.F. 135, Super 90D

Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1750D, Ford 9600 w/dual power and dual wheels, Farmall 504 W.F.

ALLIS CHALMERS 7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, MM S670 diesel V302.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, used M.F. grain heads

Hay Equip. Specials.

BALERS - NH 320 w/thrower like new, Used 277 w/thrower

New Haybines at Discount Prices. - New Owatonna 9' for $3975, new Gehl 1090, NI 279 Cut/ditioner used on 40 acres for $2750. (New) NI 299 Haybine for $4250.00. Vermeer round baler

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Case 480B loader and backhoe, Case 580 L & B, D8 Cat w/blade, Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade, Michigan 55B Diesel Payloader.

CORN PLANTERS - New JD 6 row conservation planters (SOLD).

New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row w/dry fert. and inst., priced at $5975. Used JD 7000 4-row w/liquid Inst. and Monitor for $4850. JD 1240 Plateless (SOLD), N.H. 355 Grinder Mixer, like new, Int. 1050 Grinder-Mixer, Kools recutter blower, Used JD 8300-21x7 double disc grain drill, new NH 28 blower; new NH 25 blower; new NH (SOLD) 256 rake new NI rake, w/front wheel; new Rhino 6' blades.

Int. 6 row front cult.; JD 220 hydraulic fold wing disk; 3 JD 4 row cult., White 252 wing disk.

(New) NH 310 Baler (wrecked), Used Brillion 3 pt. 6 ft. Mott mower like new, 2 Woods Belly mowers like new; Int. #56 four row planter w/Double Disk Openers.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; new Case 6 row 3 pt. hydr. fold field cult., (4 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210.

NH 1010 Bale Wagon.

Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int, & Oliver 5,6,7 trip and resets. JD 3 & 4 3 pt. (SOLD) plows, New Glencoe SS7 Soil Saver with culti-lift harrow New White 14 ft. field cult., Kawanee 22 ft. wing disk.

LOADERS - Int. 2350 JD used 58, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/6300 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.
East Windsor St. & Krick Lane
Hamburg, Pa. 19526
Phone bus. 215-562-3377
home 215-562-7451

PARTS VALUE OF THE MONTH

GET MOWER FOR YOUR MONEY!

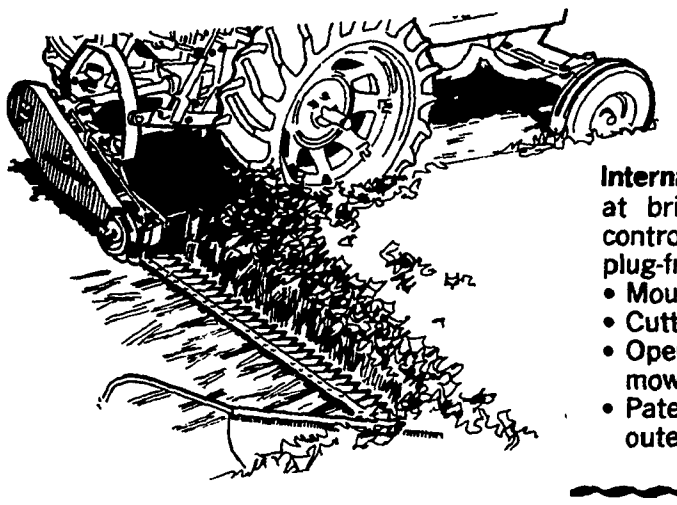
Here's a super-sharp deal for you. Right now, we have special low prices on quality International Harvester mowing parts. You'll save up to 20% off regular IH suggested list prices on guards and sections. And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance. Come in...stock up. Get set to mow and put a slice of the saving action in your pocket at the same time.

STOCK UP NOW AND SAVE!

IH HAY & FORAGE EQUIP. HEADQUARTERS

Your Choice For Mowing...

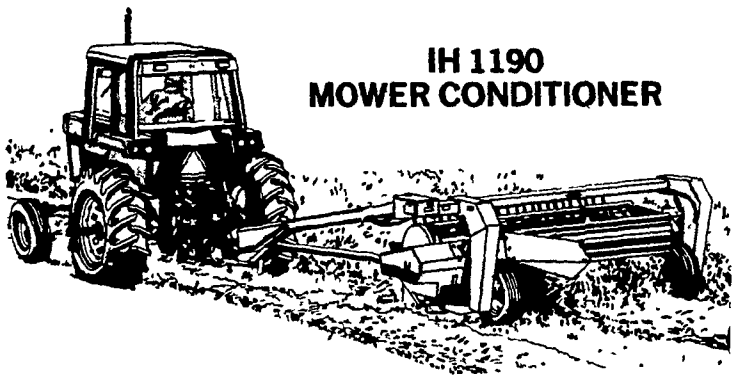
Conventional Cutter Bar Or Mower Conditioner!



Smooth, Fast... And Plug-Free!

International Balanced Head Mowers glide through crops at brisk speeds. Their short, powerful strokes, plus controlled cutterbar vibration, assures clean, smooth, plug-free mowing. Make your choice today.

- Mounted or trailing models, 7 or 9-ft. cutterbars.
- Cutterbar automatic breakaway protection.
- Operates above and below horizontal for all-terrain mowing.
- Patented triplet end knife section stops plugging at outer shoe.



IH 1190 MOWER CONDITIONER

Preserves hay quality to maximize profits

- Two sizes: 7 and 9'
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life.

International® Twine-Tie Balers

Your choice of three models . . . with 15 to 19 tons per hour capacity

International 400 Series balers offer you more than just capacity With 4,800 lbs of force behind the plunger, you're assured of tightly packed, uniform bales that stand up to rough handling And they're also designed to give you easy servicing, to help you keep going when the crop is ready Your pick of three models

435T—best choice for most hay crops 65-in 4-bar pickup with 80 teeth, husky 2-knuckle PTO

445T—offers top performance in hard-to-bale crops such as cane, millet, sudax With 65-in 6-bar pickup with 120 teeth, gauge wheel Heavy-duty 3-knuckle PTO

425T—an economy baler with many of the same performance features found on the bigger capacity IH balers With 61-in 4-bar pickup, 2-knuckle PTO Heavy-duty 3-knuckle PTO optional

Finance plans available

INTERNATIONAL® AGRICULTURAL EQUIPMENT

USED EQUIPMENT

Tractors
Farmall 140
Farmall M
Farmall Super H
F400w/2001 Loader
F544 Gas, w. 2000 Loader
IH F 560 Gas
IH F 450 D
IH F 460 D
IH F 986 D
IH F1086 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 185 Cub Lo-Boy
IH 85 Riding Mower
AC D15 w. Loader
Ford 3000
IH TD8 Crawler
Satoh 650 G
Oliver 1850
MF 180 w/Loader

Forage Equipment
IH 16 Harvester w/2 Heads
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 38 Harvester
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
NH 770 FH w. Cornhead
Gehl FB 82 Blower
IH 42 Blower
Kools Blower
NI Forage Wagon

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

Miscellaneous
Snow Blowers For Cadets
Sauder Loader
Tri Axle 10 Ton Trailer
IH 125 Cadet and Mower
IH 126 Cadet w. Mower
IH 175 Spreader
IH 550 Spreader
Little Giant Roll A Way Elevator
IH 2000 Loader
IH 2001 Loader For I 544
NI Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Papec 870 Grinder Mixer
Century 500 Gal. Sprayer

Plows
IH 311 mtd.
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
3F Trailing Plow
Ford 5F 18"
Fast Hitch 2 way
MF 5F 14" Mounted

Tillage
Howard S.T. 180 Rotovator
Howard E60 Rotovator
JD KW Disk Harrow
JD Model KBA Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver Disk Harrow
Brillion 16 Ft. S.T. Harrow
McConnel 20' Spring Tooth Narrow with Transport

Combines
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
JD 45
JD 40

Compact Skid Loaders
IH 4125

Planters & Drills
JD 8300 Drill
IH 500 Planter, 6 Row
IH 455 Planter
MF 4 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd.

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w. Thrower
IH 10 Bale Thrower
IH 115 Mower
M.C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
IH 46 Baler
MF 128T Baler
Hesston No. 10 Stakhand
NI Mower
NH 269 Baler w. Thrower

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

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Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
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PARTS DEPT. HOURS
Mon -Fri.
7 AM to 5 PM
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INTERNATIONAL® AGRICULTURAL EQUIPMENT

• UPS SERVICE AVAILABLE

FARM EQUIPMENT

NEW EQUIPMENT

IH 686 tr SOLD $14,800
IH 770 disc demo, 10' $4500
IH 435 baler w/thrower $6995

USED EQUIPMENT

AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine $13,000
IH 574 diesel utility
IH 544 gas hydro
Fenders for IH 856
Farmall M $1450
IH 706 gas $5500
IH Super MTA tractor $2000
Oliver 770 $1500
Case 430 diesel
154 Lowboy A-1 condition $2400.
IH 400 cyclo planter
Oliver 5F 16" plow $1150
IH 430 SOLD r w/thrower $1[illegible]
IH 35 rake $1300
IH 37 disc $1200
NI 319 picker/sheller bed
IH 234 corn picker, $2100
IH 844 corn head $4000
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $500
IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
IH 2000 loader
JD flail chopper $600.
IH 550 forage harvester hay & corn head
Gehl forage wagon w/roof $2200
Century Sprayer $650
Welsh Sprayers
200 gal. trailer model $1050

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

FARM EQUIPMENT

Nothing runs like a Deere

THIS WEEK'S SPECIALS
IH 986 w/Cab, Only 665 Hrs.
JD 1209 Mower Conditioners, $5500
Free Finance Til Oct. '81
John Deere 7000 No Til Corn Planter

USED FARM EQUIPMENT

IH 986 w/Cab, Only 665 Hrs
IHC 656 Dsl Tractor
Farmall M Tractor
Fox 2R Forage Harvester
JD 215 Grain Platform, like new
NH 880 R2 Head
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
NI Side Rake
JD Side Rake
JD 16A Flail Chopper
NH 1010 Auto Bale Wagon
JD 24T Baler
JD 14T Baler
JD 24T Baler w/#30 Ejector
NH 271 & 269 Balers w/Throwers
OMC 9' Mower Conditioner
Bradley Elevator
McCurdy Gravity Box w/JD running gear and flotation tires
JD 707 4-Row Rotary Mower
JD Hay Crimper
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 No-Till Pltr
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
1970 Ford 1 Ton Stake

NEW FARM EQUIPMENT

JD 4440 Tractor, QR & SR
JD 4240 Tractor, 4 Post, Roll Guard
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg Harvester
NH 892 Fg Harvester w/Metal Detector
JD 3940 & 3960 Fg Harvester
JD 336 & 337 Balers
NH 315 & 320 Balers
JD 2420 Sp. 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 642, & 731
NH 679 Spreader
JD 392 Spin Spreaders
JD 450 Spreader
Martin Manure Spreader V Type & Scavenger
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

FREE FINANCE on JD Hay and Forage Equipment, also NH Hay and Forage Equipment.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat NEW HOLLAND

FARM EQUIPMENT

FOR SALE

SMOKER ELEVATOR - Hay or grain, 30 ft., on good rubber, new elec. motor, excel. cond. - $500.00

NEW IDEA WAGON GEAR - Model 629, on good rubber, excel. cond. - $500.00

JOHN DEERE PLOW - 7 ft., for front end loader, excel. cond. - $100.00

ANTIQUE TOP BUGGY - (Circa 1905) Good cond., top needs new covering, $500.00

BREAKING CART - Horse size, like new - $200.00

Double Venture Farm
235 Blue Rock Rd.
West Chester, PA
215/696-4463

FARM EQUIPMENT

NEW EQUIPMENT SPECIALS

IH 4130 skid steer loader	$6500
IH 56 blower	$1695
10' trailing chisel plow	$1850
7' 3 pt. chisel plow	$ 995

USED SPECIALS

Farmall w/Trojan w/motor	$1200
Farmall M	$1500
Farmall C w/2 way plow & cultivator	
Farmall 340 w/fast hitch 2 bottom plow	
NH 717 chopper w/corn head	$1795
MF 260 chopper, 2 row corn and 6' pickup head	$2995

DIBBLE HARDWARE
Meshoppen
717-833-5337

New Idea, Hesston, Gehl, Brillion Dealers

NEW EQUIPMENT

Brillion 4 and 6 Row Cultivators
NI 106 & 109 Fert. Spreaders
Killbros Model 350 & 375 Grain Boxes w/hyd. Augers
801 Uni Power Unit w/767 Super chopper & 766 6' hay pickup
Brillion GLP64 5' 4" 3 pt. Landscape Seeder

Hesston 1091 9 ft. 3" Pull Type Windrowers Rebates in effect.

BUSH HOG 5', 6' & 7' 3 pt. Rotary Choppers in Stock

Hesston 6550 12' cut SP Windrower, Dsl, w/Hydrostatic Drive Will demonstrate

Century 300 Gallon 10 row FIELD SPRAYERS with no-drip nozzel and centrifugal pump

USED EQUIPMENT

705 Uni w/729A & 738 4RN Corn Head
NI 710-711 Uni Combine
Ford 3 pt. 9 Tooth Chisel Plow
Ford 906 7' 3 pt. Rotary Cutter, ex. cond.
16' Dion wagon on new Gehl 10 ton running gear
16' Dion Wagon on used running gear
JD 12' Packer
Brillion 10' Sprocket Packer
18' Brady Tine Harrow
NI #44 Hay Rake
2-NI #404 Wheel Rakes
JD 10' Mulcher
AC Model A Gleaner 12' Combine
Century 200 gal. sprayer
JD Hay Fluffer

Gehl #600 Forage Harvester w/inhead knife grinder 2Row Narrow Corn Head and Hay Pickup

LAWN & GARDEN

MF 7 h.p. Riding Tractor
New Gilson Rototillers in Stock
Used Front Tine Rototiller

STOP BY AND SEE US AT OUR NEW LOCATION JUST ACROSS THE STREET

UMBERGER'S MILL FEED - GRAIN - FARM EQUIPMENT
Dial 717-867-5161 or 717-867-2613 RD #4 (Fontana) - Box 545 LEBANON, PA 17042

SPECIAL SALE ON HYDRAULIC SUPPLIES

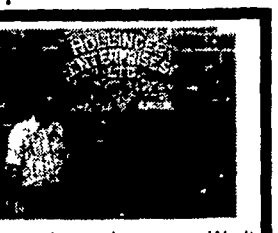
ASAE Cross 3x8 cylinder	$53
SCV-1 Cross hydraulic any other sizes also available	$55
Williams 40-15 hydraulic elevator unit on cart with motor and 100 ft. high pressure hose	$500
Gresen hydraulic elevator unit on cart with motor, 50 ft. high pressure and 50 ft. medium pressure return hose.	$475
Williams model 800 pump with valve suitable for grass mowers etc.	$150

10% OFF ON ALL HYDRAULIC HOSE ASSEMBLIES DURING MAY

FOREST-HILL MACHINE AND WELDING
Daniel S. Glick, Prop.
Rt. 1 Box 297, Bird-in-Hand, PA 17505
1 mile NW of Leola Stauffer's of Kissel Hill off Forest-Hill Rd. along Windy-tore Rd.

Hollinger tractor co.
749 Rothsville Rd., Lititz, Pa. 17543

(717) 626-1120
Call
Larry Hollinger
or Lee Dull
HOME
(717) 949-3451



We want your business We ll do our best to serve you Larry Hollinger, (left) and Lee Dull

CRAWLER LOADERS

Cat 977H Lever Steer ready to go	$10,500
Cat 977H w/cab, 90% undercarriage	$12,500
Cat 955K 85J Sharp w/ROPS	$22,500
(2) Cat 955 12A	$6,500
AC HD 6	$4,500
AC HD6G Slant hood, sharp	$8,500
1974 Case 450 Backhoe Loader sharp	$12,500
JD 450B w/ROPS, Sharp	$13,500
JD 450C good undercarriage sharp	$13,500
JD 350 w/ROPS	$8,500
AC HD4 w/Backhoe, sharp	$10,500
Cat 955H Pedal Steer sharp	$12,500

DOZERS

JD 350 6 way angle	$9,500
JD 450 6 way angle sharp	$6,500

BACKHOES

1972 Ford 4500 Dsl w/cab	$9,500
1979 Case 580C w/full cab 1000 hrs	$20,500
(2) Case 580 excellent sharp	$6,500
IHC 3500 sharp	$9,750
AC 1850 Super	$18,500

GRADERS

(2) Gradall 2460 dsl U/D	$5,500
AC-45 w/cab (diesel)	$6,500

AIR COMPRESSORS

Jaeger 125	$1,500
Schram, w/50 hose & Jackhammer ready to go	$2,850

ROLLERS

1 ton Rosco, like new	$1,500
1 ton Western with trailer	$3,500

TRAILERS

Patsco 25 ton drop deck, tandem axle	$4,500
18 Ton General Tag-Along w/air sharp Like New	$7,500
9 Ton General Tag-Along	$2,950
1979 CMI hyd folding gooseneck 35 ton like new	$20,000
35 ton detachable, sharp	$12,500
26' Alum. Dump, Sharp, 54" sides	$7,500

TRUCKS

1968 Dodge 10 Ton 318 engine like new	$7,500
1972 GMC 10 ton w/air like new	$10,500
1979 GMC 10 ton w/air 6000 miles Auto	$18,500
1970 Ford Dump, 5 ton	$3,500
1971 Ford Louieville 2¼ cat, 15' box truck good	$11,500
1974 Dodge, steel body Det motor sharp	$15,500

RUBBER TIRED PAYLOADERS

Michigan 35 w/353 Det Engine cab sharp	$7500
Hough 30	$6,500
Hough HM w/cab new motor good tires ready to go to work	$6,500

MISCELLANEOUS

Paver 22PL, like new 2 yrs old	$28,500
(2) Winch to put on truck tractor	Make Offer
Riding Sweeper	$950
Air Jackhammer to put on backhoe w/attachs	$1,500
Hobart Welder	$850

SPRING SPECIALS...

Amco 10'6" Wheel Carrier Disk $4475
Soil Master 7 Tooth Chisel Plow $4825
8 Ton Elec. Wagon Gear.... $575
Farmall Cub 42" Mower... $1700
20 HP Wheel Horse, Excellent Condition $2995

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1½ M. south of Schaefferstown, Pa. on Rt. 501
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BALDWIN ELECTRIC MOTOR DIVISION, INC.

REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
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BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

SPECIALS ON NEW EQUIPMENT

NEW IDEA 299 MOW-DITIONER, DEMONSTRATOR $3995.00

DEMO. KNIGHT 12C BIG AUGGIE MIXER FEEDER ELECTRONIC SCALES $12,350

NEW WHEEL RAKES $850

GEHL 1600 ROUND BALER $7900.00
Waiver of Finance Till Sept 1, 1981

USED EQUIPMENT

TRACTORS
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 5000 G
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
MM Jet Star 3
DB 1200 D
DB 990
Jubilee NAA

LOADERS
Case 1816
Case 1845 G
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

MISCELLANEOUS
Wetmore grinder
Ford 101 plow
Hesston PT 10
Rhine 6' blade
JD 700 grinder-mixer

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
J.D. 65 blower
N.H. 1880 SP
Grove box
IH #51 box
E-Z boxes
JD 216 box

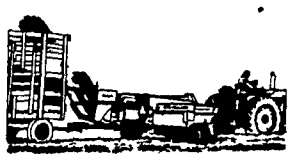
NEW IDEA
Manure Spreaders 212, 213, 214, 224, 218
272 cut-ditioners
#7 corn picker
325/314 picker sheller
404 wheel rake

USED GARDEN TRACTORS
7 to 14 H.P. Starting At $395

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521
case · AVCO NEW IDEA · GEHL Gets into your system · BUSH-HOG

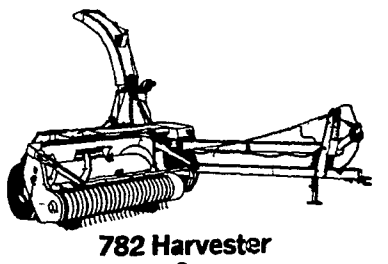
SPRING Showers


310 Baler w/70 Thrower

WILL GROW GOOD
HAY CROPS
ARE YOU READY?

489 Haybine

WAIVER OF FINANCE
- ★ Forage Equipment w/ Hay Heads till June 1, 1981 w/Cornhead till August 1, 1981
- ★ Hay Tools till June 1, 1981


782 Harvester

WAIVER OF FINANCE
On All New & Used Spreaders, Grinder-Mixers and Skid-Steer Loaders till Sept. 1, 1981.

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WE STOCK A FULL LINE OF STARLINE PARTS

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FARM EQUIPMENT

Ford Tractor & Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford 8600 Dsl.
(2) Ford 8000 Dsl. 1 w/turbo
Ford 5600 Dsl., low hours
Ford 860 Gas
Ford 800 Select-O-Speed
Ford TW30 w/450 hrs.
Ford 9N
Farmall 300
Ferguson 65 Dsl.
MF 165 Dsl.
Farmall C w/Plow & Cultv.
(3) Ford 8N's
Farmall Cub Power Unit
2 cylinder Wis. Engine

EQUIPMENT
JD 20' Field Cult. w/3 Pt. Hitch
Ford 309 2R Corn Planter
NH 7' or 9' 450 Mowers
NH 1495 SP Haybine
NH 467, 469 Haybine
Repossessed NH 320 Baler with thrower, 1 yr. old
NH 281 Baler w/thrower
Ford 532 Baler w/thrower
NH 269 Baler w/thrower
Good Selection Used Hay Rakes
Lawn & Garden Tractors w/Mowers

ALL WOODS BROS. FORD & NEW HOLLAND OBSOLETE PARTS 50% OFF

CHARLES S. SNYDER INC.
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT

FARM EQUIPMENT

SPECIAL
AC 5020 4 Wheel Drive
$5995

USED TRACTORS
JD 2240, like new, $8500
Farmall Super M

USED PLANTERS
Ford 309 2 row 3 pt hitch, $995
IH 400 Cyclone, dry fert., $1650
JD 494 4 row w/dry fert., $895

MISCELLANEOUS
NH #8 forage box w/ roof
JD #35 forage harvester w/2 row row crop head & pickup attach, excellent cond.
New Pittsburg 16' cart harrows
AC model G combine w/cab & 2 heads

NICHOLS FARM EQUIPMENT

ALLIS CHALMERS
R.D. 1
Bloomsburg, Pa.
6 mi. N. of Buckhorn on Rt. 44
Phone - 717-784-7731

USED EQUIPMENT

AC WD Tractor with 3 Btm. Mtd. Plow
JD 6600 D, S.P. Combine, Fully Equipped
NH 1495 SP Haybine, Like New
NH 469 Pull Haybine
NH 256 Pull Rake
JD 7,000 Max. Emerg. Planter, Dry Fert.
White 5400 6R, 30", Min. Till, Dry Fert.
JD 290 2R Pull Planter
JD 1280 8-30", Liq., F. Pickup - Cheap Enough To Convert To Soybean Planter
McConnell 15x8 Hoe Drill
JD & MH 7' Offset Discs
IHC 14' Finishing Disc w/Harrow
JD 45 3-Bot. 3 Pt. Mtd. Plow
JD 3 Pt. Cat. 2-Bot. Plow - Fits 801 Hitch
Kawanee No. 470 20' Wing Rotary Hoe, As Is
Lilliston 76 Rotary Cutter
★ FULL LINE OF NEW HOLLAND & JOHN DEERE NEW MACHINERY

JOHN DEERE

KERMIT K. KISTLER, INC.

SPERRY NEW HOLLAND
Farm Machinery Sales & Service
Rt. 143, Lynnport, PA 18061
PH: 215-298-2011

JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:
JD 2040 D WF 1100 hrs. . $6500
Farmall M w/M&W 2 Spd . $1300
JD 2010
Farmall 460 gas, clean... $3985
Oliver Super 77 ..... $900
JD Cyclone A $1050

COMBINING:
JD 95 Cab - 4xN - Grain. $10,900
JD 237 MTD Picker $1400
JD 6620 side hill combine, 1980 model w/16' platform $61,300
JD 42 pull type $1400

MISC.:
JD 336 baler w/30 ejector, like new $4200
Mayrath 34' elevator $900
JD 643 corn head $10,900
NH 280 baler w/thrower . $1850
MF 12 baler w/thrower... $1500
JD 16A chopper $1800

PLANTERS:
IH 6 Row 400 Cyclo w/Mower..... $2300
AC 500 4 row $800
2 Oliver 540 4 row .... $600 ea.
JD 1250 6 row plateless w/monitor..... $1900
IH Cyclo 4 row no-till $2500
JD 246 3 pt. w/insecticide $585

FORAGE:
NH 890 w/2XN - Pick Up Controls $6400
Clay wagon w/roof, 3 beaters..... $1600
IH 650 w/2XW - Pick Up.. $1500
IH 555 w/2XW - Pickup... $1400
JD 3800 Long Tongue for Parts..... $1100
2 Dion wagons, 3 beaters, roof ..... $2,700 ea.

TILLAGE:
Pittsburg 4x16 3 pt. plow.. $550

NEW EQUIPMENT SPECIAL
We have new JD 1065 A wagon chassis with adjustment hitch, 10x15 wheels, stakes, knock down.
Pick up here $750 each

JOHN DEERE

WINELAND EQUIP. INC.

RD2 Rte 164 East
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Phone 814-793-2109

FARM EQUIPMENT

FARM EQUIPMENT

case

New Gehl forage boxes & blowers
Hesston 6450 self-propelled & 1091 windrowers
Used Case 555 & PT10 Hesston windrowers
Case 660 & 600 combine 10 ft grain head, 345 corn head, 2-row

Case, Gehl, Hesston Sales & Service
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Open eve. till 9

1034 Bale Wagon
1010 Bale Wagon
213 Spreader
208 Spreader
JD 1209 Haybine
Hesston 500 SP Haybine
(2) Taylorway Disc 10'5"
(1) Taylorway Disc
760 Chopper head 2-row
3200 IH Skid Loader
York Blade
Bush Hog Blade
NH Corn Head 1-row 770 new
438 Corn Head less att.
238 NH Tam Gear 12 ton w/11Lx15 tires
1469 Haybine
L Combine, 2 heads 438-15'
425 NH Loader-Husker
479 Haybine
Myer Snow Plow
Volk Snow Plow
990 9' IH Haybine, 1 steel, 1 rubber, pull type
PT10 Hesston
Gehl 600 Chopper 3 heads 2-30, 2-38 pickup
IH 555 Chopper 38" head, 2 heads
469 Haybine
717 Chopper 1-row

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

NEW IH SPECIALS

	Sale	Less Red Power $ Rebate
720 harvester w/hay pickup	$6922	$5602
425 baler	$4452	$3727
1300 7' mower	$1550	$1350
35 hyd. rake	$1865	$1665
1190 mower cond., 9'	$6200	$5475

NEW EQUIPMENT:

510 4 bottom plow	$3047
9' Mulcher attachment	$460
Cyclo planter attachments: Posidepth 6-row dry & 4 row liq. fert covering discs 4 whl. attachment	In Stock
800 Early Riser plate planter	In Stock
200 2-row cultivator	$950

USED EQUIPMENT:

JD roller harrow	$1075
Ford 740 tractor w/loader	$1975
706 diesel, overhauled & reconditioned	$7800
504 gas tractor	$3800
JD 4020 tractor	$11,800
IH 710 7x18" plow, on the land hitch	$5500
IH 470 disc, 17' folding	$4000
IH 4x14 trail plow	$375
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
56 blower	$830
Gehl FB88 forage blower	$575
IH 990 9' mower cond.	$2250
IH 225 10' hay swather	$3650
IH #10 bale thrower	$650
Pincor alternator with trailer	$1495
(1) bale wagon	$495
IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead	$17,500
Brillion cultipacker, 10'	$475
Gehl 72 flail chopper	$1250
IH 2A hay crusher	$95

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Dalmatia 717-758-3021
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35 miles North of Harrisburg, PA on Rt. 147

INTERNATIONAL AGRICULTURAL EQUIPMENT

• U P S Service Available

USED TRACTORS:

JD 70 diesel $1875

JUST ARRIVED
NEW MF TRACTORS
2705 - 285 - 255 -
220 - 210 - 205

ALL DIESEL'S NEW TRACTORS:

WHITE 4-175 4 Wheel drive w/all extras
WHITE 2-45 2 Wheel drive
White 245 4 WD demo.

USED COMBINES:

MF 760 (1978) Turbo 6 w/Hydro trans. A/C Cab Dsl. $42,795
MF 750 (1978) Turbo 6 Dsl. w/Hydro trans. A/C Cab $42,700
MF 750 (1977) Turbo 6 w/hydro trans. $39,700
IHC 205 Combine w/cab, 227 corn head, 10' grain $9850
White 8800 Corn & Soybean Diesel combine, air/heat/cab hydro, trans., 13' grain table, 704N cornhead. 1977 model, very good cond. $37,380.
MF 410 diesel w/air cab & grain head $13,700
OL 525 w/heads $8750

USED CORN PLANTERS

2 IH 400 cyclone, 6R, no til $4250
IH 4R no-til, 1 yr. old $4150
2 AC dry fertilizer, 6R, no-til $2875
White 5100 seed boss planters 4,6, & 8 row no-til

MISCELLANEOUS

New 350 GT grain dryer - Special Price
MF 15 grinder mixer 1978 $3498
10' Versatile SP Swather, & conditioner $1895
Fox 2310 1000 R.P.M. w/new 1 row belted head & P.U. $6895
660 Fox ensilage blower new $1995 cost $1485
MF 54 ensilage blower new $1195
KB 200 Kools grinder & blower $2195
54 Kools blower $495
SB 25 Farmhand wheel rake (1979) $975
IHC 6x16 mtd. plow spring trip $1945
OL 2 bottom pull type plow 2x16 $475
Kuker 200, 300, 400 gal. trailer sprayers
New Brady field cultivator 20½' fold up

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Seven Valleys, PA
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WHITE Farm Equipment

MF Massey Ferguson

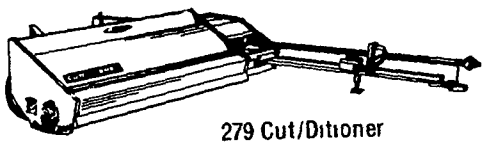
FARM EQUIPMENT

FARM EQUIPMENT

The Time Is Right... The Price Is Right!!

New Equipment Special...

NEW MODEL 279 NEW IDEA CUT/DITIONER



279 Cut/Ditioner

9 Ft 3" swath, hydraulic lift with single acting cylinder, and all plumbing, all standard equipment, 540 RPM hvy. duty 1-3/8" PTO drive, multi-position tongue adjustable from tractor seat, tongue jack, and high flotation rubber tired wheels. .

NEW IDEA FARM EQUIPMENT
We get our best ideas from you

$4295

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Sales & Service On:
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WALTER G. COALE, INC.

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USED EQUIPMENT

Super M, like new tires, nice	'1550
930 Case tractor	4100
AC D19 tractor, nice	3200
Cub w/mower, nice	1995
400 Farmall, FH	1600
Super 55 Oliver	1650
AC CA	875
NI 323 Cornpicker	2650
NI Wheel Rake, good	750
Nicholson Hay Tedder plus Grimm	700
Portable Welder2 cyl. engine	750
NH 402 & 404 Crimpers	350 up
NI Hay Crimpers	from 250 up
NH 268 baler	1650
NH 273 baler	1950
NH 455 trailer mower	650
JD rotary mower	575
Grimm hay tedder ground drive	850
272 NI cut conditioner	1850
270 NI Cut-ditioner	1100
10 ft. International Fertilizer Spreader, Ex	475
GB600 Gehl Harvester w/2 row narrow head	1450

First with a better way.

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HESSTON FARM EQUIPMENT

HESSTON 1091 WINDROWER
$5495 1 Only

WISCONSIN ENGINES
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AVCO VM Diesel

From 20 to 300 HP

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FARM EQUIPMENT

FARM EQUIPMENT

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M & R EQUIPMENT

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(New) NH 474 haybine, $5500
(New) NH L-35 skid loader w/deluxe glass cab enclosure, 7' bucket.
Reg. $16,900 NOW $13,200
(No Trade)
Call for a Skid Loader Demonstration Today!
Waiver of Finance on all New NH Skid Loaders, Manure Spreaders & Grinder Mixers until 9-1-81
One Day UPS Service on NH Parts

MF Massey Ferguson

USED COMBINES

1980 MF 750 Turbo Hydro w/15' grain and 6 Row Corn head	$65,000.00
MF 760 Hydro V8 Rr wh drive, 6 row 30" Corn Head, 15' Grain Head	48,500.00
MF 750 Turbo Hydro with 15' Grain	29,000.00
White 7300 Gas 318, 4 Row Wide Corn Head, 13' Grain Table	17,500.00
MF 760, 6 Cyl , 4 Sp with Grain Table	25,500.00
MF 760, 6 Cyl ,4 Sp with Grain Table	19,500.00
MF 750, Turbo, Hydro with Grain Table	28,000.00
MF 750, 372, 4 Sp with Grain Table	24,500.00
MF 510, Diesel, Cab with Grain Table	13,500.00
MF 510, Diesel, Cab with Grain Table	12,500.00
MF 410, Diesel, Less Cab with Grain Table	5,800.00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	9,000.00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	8,500.00
JD 4400, Gas, Cab with Grain & 4-30 Corn Head	15,900 00
IH 315, Gas, Cab with Grain & 2-38 Corn head	7,900.00
IH 303, Gas, Less Cab with Grain Head	1,790.00
IH 303, Gas, Less Cab with Grain & Corn Head	3,900.00
IH 141, Gas with Grain Table	2,000.00
IH 91 with 10' Grain Head	950.00
AC CII, Gas, Cab with Grain & 4-38 Corn Head	5,900.00

WE SOLD 8 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES

USED TRACTORS

MF 2775, Cab, 24 Speed, 160 hp	29,000 00
MF 2745, Cab, 24 Speed, 140 hp	28,500.00
MF 1155, No Cab, 8 Speed, 140 hp	11,000.00
MF 1085, less cab	8200.00
MF 1080 Diesel	5900.00
Farmall 460	1700.00
Oliver 1600 Gas	3500.00
Case 1370, Cab, 1480 hrs.	14,000.00
MF 1050 Grinder-Mixer	4850.00
IH 516 Semi-Mtd Plow	1500.00

USED EQUIPMENT

MF 560 Round Baler	4700.00
MF 37 5 Bar Hay Rake	1400.00
Fox 2000 2 Row Forage Harvester	1000.00
Ontario 16 Run Double Disc Grain Drill	2550.00
MF 468 6 Row Corn Planter New Price $3511 00	2588.00
Century Pull Type Sprayer 12 Row	975.00
NI 319 Mt. Picker Sheller	1800.00
MF 214 Baler	1750.00
Glenco Soil Saver Chisel Plow	4700.00
Yetter 15' Rotary Hoe	1850.00
MF 730 10 ft Disc Harrow New Price $6763 07	5393.00
Pittsburgh 2 Row Cultivator	470.00
Dunham 4 Row 38" Cultivator	1350.00
MM 6-16" Semi Mt Plow Hyd Reset	2350.00
Brady 14 ft Flail Chopper	2900.00
Hesston PT10 Stakcker	3750.00

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ECHO®

The Lightweight Heavyweights
WEED & GRASS TRIMMERS

Model
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ECHO'S premium straight-shaft cutter features an integrated fuel tank and muffler. An efficient anti-vibration mounting system enhances operator comfort and control.

- Integrated fuel tank and muffler for compactness and balance
- Anti-vibration mountings and handle-bar grip for added control and comfort
- Powerful 30 cc Echo two-stroke engine
- Weighs only 15 lbs.
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- 12-MONTH LIMITED WARRANTY*

List Price $349.95
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$319.95

FREE
1 Pound Roll Replacement Trimmer Line
With The Purchase Of Any New Echo or Weed-Eater Trimmer.
$12.95 Value

Model
SRM - 200

You won't find a better trimmer value than this one:

- Echo's lowest-priced, straight-shaft trimmer
- Sealed gear-box and 21 cc. engine power
- Heavy-duty .080" nylon cutting head
- Shoulder strap and guard
- 12-MONTH LIMITED WARRANTY*

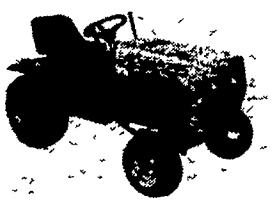
List Price $219.95
SALE
$199.95

NEW BRILLION FARM EQUIPMENT

LGS-120 - 10' Cultipacker..... $1000
LGS-160 - 13'4" Cultipacker..... $1450
LFMS-132 11' Sprocket Packer... $1150
MD-148 - 12'4" Pulvimulcher..... $3900
MD-164 - 13'8" Pulvimulcher..... $4300

NEW & USED WHITE FARM EQUIPMENT

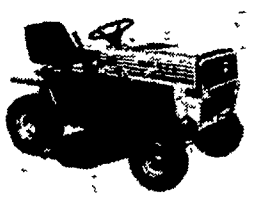
New White 543 4 Row Corn Planter, Granular Fertilizer & Insecticide..... Our Price $4900
New White 5100 Planter 4 Row Granular Fertilizer & Insecticide No-Till, Monitor... Our Price $7200
New White 508 Plow, Semi-Mtd. 4 btm. 18" Spring Auto. Reset w/Gauge Wheel & Cylinder..... Our Price $5250
New White 255 Disc Harrow, 10'4", 32-7 Gauge Blades..... Our Price $3500
Used White 251 Disc Harrow 9'3" 28-9 Gauge Blades, Like New..... $2500
Used White 5400 6 Row Air Corn Planter, Granular Fertilizer & Insecticide, No-Till, Deluxe Monitor, Gauge Wheels, Used 1 Season For approx. 300 acres, like new..... $8000



WHITE GT-1622 YARD BOSS GARDEN TRACTOR WITH 50" MOWER

Twin cylinder 16 horsepower • 16 speed, shift-on-the-go gear drive • Case aluminum grill • Fully enclosed engine • "QD" Quick Detach system • Counter balanced hand lift • 23" rear tires • Electronic "Service Alert" Monitor • Headlights • Taillights

List $3238
OUR PRICE **$2595**



NEW WHITE LGT-1100 GARDEN TRACTOR WITH 38" MOWER

11 H P Briggs Engine • Five-speed transaxle gear drive • Electric start

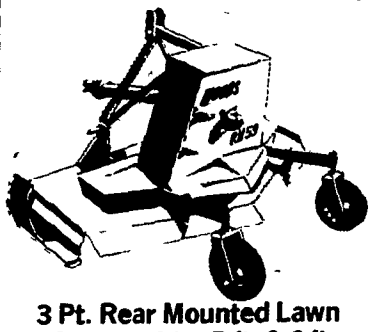
List $1795
OUR PRICE **$1595**

WHITE
Outdoor Products

USED OLIVER TRACTOR PARTS

1 - 155-897A Reconditioned Crankshaft with NEW Bearings, 010 Rods - .020 Mains, Fits - 16550, 1750G, 1755G, 1800G
1 - K-119D Reconditioned Crankshaft with NEW Bearings, 010 Rods - 010 Mains, Fits - Super 88 & 880 Gas or Diesel
1 - 30-307-8663 Reconditioned Crankshaft with New Bearings, 010 Rods - 020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
1 - 166-425A Reconditioned Engine Block, Fits - 1655D
1 - Wide Front End - Rebuilt, Fits - 1550 - 1955
1 - Rebuilt 55 Gas Engine, Complete
1 - 770 Gas Engine, 1100 Hours, Complete

THE Sharp Ideas COME FROM WOODS



3 Pt. Rear Mounted Lawn Mowers. 4 ft., 5 ft. & 6 ft. Models In Stock.
NOTE: We stock a large inventory of Woods Mower Replacement Parts

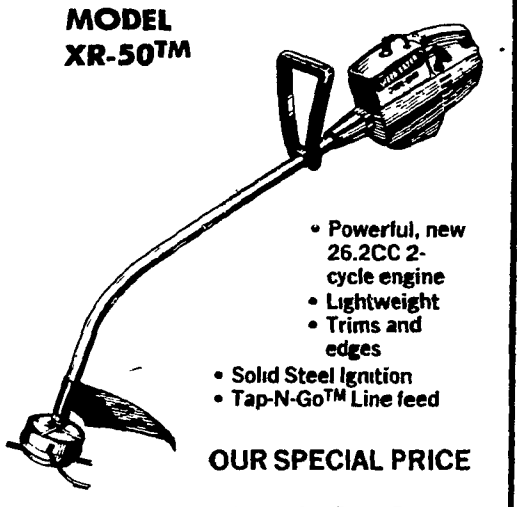
FOX MODEL SPF SELF PROPELLED HARVESTER

With 2 Row Wide Cornhead, Gas Engine, Excellent Condition

WEED EATER®

TRADEMARK

MODEL XR-50™



- Powerful, new 26.2CC 2-cycle engine
- Lightweight
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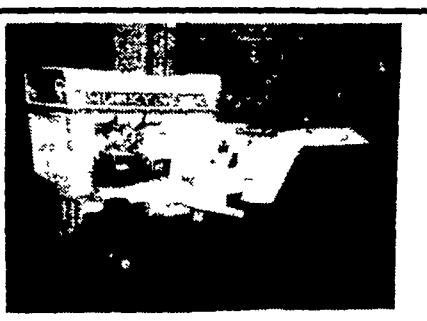
- Solid Steel Ignition
- Tap-N-Go™ Line feed

OUR SPECIAL PRICE
$129.95



USED BOLENS 1254, 12 hp. Gear Drive with 42" Rotary Mower, Excellent Condition
$1395

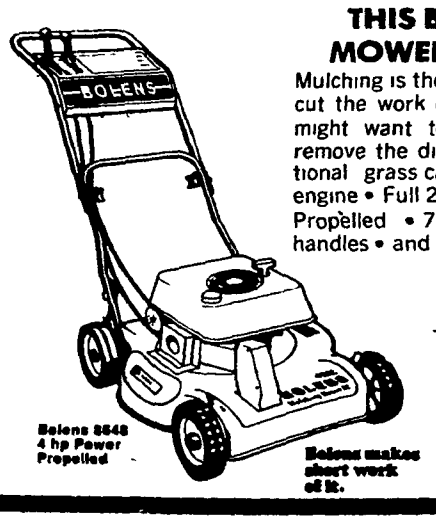
USED TRUCK BODY

Reading 18½ ft. Platform Diamond Plate Steel Over Wood with 42" Steel Stake Racks, Like New, 2 yrs. old.
$1600

NEW OMAHA STANDARD GRAIN BODIES IN STOCK

- 9½ ft. Platform (Wood floor) with 40" Steel Grainsides & 26" Cattle Racks
- 10 ft Platform (Wood floor) with 40" Steel Grainsides & 26" Cattle Racks
- 12 ft Platform (Steel floor) with 40" Steel Grainsides & 26" Cattle Racks
- 14 ft. Platform (Wood floor) with 40" Steel Grainsides
- 15 ft. Platform (Wood floor) with 52" Steel Grainsides
- 16 ft Platform with 40" Steel Grainsides
- 18 ft Platform with 40" Steel Grainsides
- 18 ft H D Platform with 52" Steel Grainsides

USED 10 TON 2 CYLINDER TRUCK HOIST WITH PUMP, FOR 12-14 FT. BODY **$750.00**



Bolens 8648 4 hp Power Propelled

Bolens makes short work of it.

THIS BOLENS MULCHING MOWER IS A BAGGER, TOO

Mulching is the best way to treat your grass and cut the work of lawn care But sometimes you might want to save the clippings, too Just remove the discharge door and clip on the optional grass catcher • Plus 4 hp easy start engine • Full 22" cut • Console controls • Power Propelled • 7 cutting heights • Fix or float handles • and more

List $394 95

SPECIAL
$349.95

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FARMERSVILLE EQUIPMENT INC.

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HOURS: Mon., Tues., wed. & Fri. 7:30 AM to 5:30 PM;
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USED

4400 DIESEL COMBINE 1100 hrs, 15' grain platform, 4 row Corn Head, excellent condition, $35,000

2420 DIESEL WINDROWER, New w/230 Auger Platform, $23,000-Special

SMITH IMPLEMENTS, INC.
Mercersburg, Pa
17236
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WHITE Farm Equipment

FIELD QUEEN
FORAGE HARVESTERS

NEW EQUIPMENT SPECIAL PRICE ON WHITE TRACTORS
2-135 20.8x38, Air
2-30 4 Wheel Drive
8700 Combine

NEW HARVESTERS
Fox 6354
Fox 3310
NI 708 Uni w/717 Combine
Hesston 6550 12' Windrower

Special Price On Artsway Dion Forage Wagons

USED TRACTORS
White 2-70 w/Cab & Loader
Oliver 1600D Tractor
Oliver 77 Tractor
JD 2510 Gas, New Paint
Ferguson 35 w/Loader

USED HARVESTER
NH 1895 4 WD, 3 Row Auger Head, Pickup, Excellent, 230 hrs.
NI 705 Unit w/3R
NI 702 Diesel
Fox 3000
NH 890 3R & Pickup

USED EQUIPMENT
(3) JD 216 Fg. Wagons, 3 btr. & roof
NH 1012 Bale Wagon
Brillion 9' Rotary
JD 7000 4R Reg. Planter
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
MF 4R Planter
IH Cyclo 6R Planter
JD 220 Sgl. fold 17½' Disk (like new)
AC 15' heavy duty Sgl. Fold Disc
NI 325 2RN Picker
NI 324 2RW Picker
NI 279 Cut/ditioner
Hesston PT10 Windrower
NH 461 & 479 Windrowers
SS9 Glencoe Soil Saver
NI 710 Combine
Lely 18' Double Wheel Rake
JD 4R, 6R & 8R Cultivators
Hawk Bilt 2155 Roll Top
Starline 3200 gal. Super Tanker w/chisel injector
Hesston Stack Hand 10
Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

Ford Tractors Equipment | HESSTON CORPORATION | WHITE Farm Equipment | NEW IDEA

USED TRACTORS
Oliver 1955 w/cab
Ford 4500 Tractor/Loader/Backhoe
Ford 3000 Gas

USED COMBINES
(2) White 8600 diesel hyoro, cab & air
AC Gleaner G w/13' Grain & 6R 30" C H

USED TILLAGE EQUIP.
Oliver 5 Btm auto reset plow
Ford 241 12' Disk Harrow
Ford 4B Semi-Mtd Plow

PLANTERS
White 5400, 4 Row

MISCELLANEOUS
NI 325 Picker w/8 Roll Husk Bed
Ford 5' Rotary Cutter

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

SPERRY NEW HOLLAND

RINGTOWN FARM EQUIPMENT, INC.
RD 1, Ringtown, PA
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SPRING BUYER SPECIALS
NH 315T baler, $5550
NH model 80 bale mover, hyd., $525
NH L325 skid steer loader, demo unit
NH L445 skid steer loader, demo unit
NH 256 rake

FREE FINANCE ON:
NH Hay Equipment till Oct. 1, 1981
NH Box Spreaders, Grinder Mixers & SKID STEER LOADERS till Sept. 1, 1981

USED EQUIPMENT

NH 479 mower cond	IH 2001 manure loader
NH 7' sickle bar mower, mtd	IH 710 4 btm plow, auto. reset
1500 Schwartz loader, 4420 lbs	IH 12' Vibra Shank
Oliver grain drill	IH 4 btm. plow, semi-mt
Myers 500 gal row crop sprayer	IH 3 btm. plow, fast hitch
Haines 2-row stone picker	856 D
Howard rototiller, 100"	806 D
12' bulk body	656 G
Holland 4-row transplanter	3414 tractor loader
Holland 2-row transplanter	Super A
	Farmall 450
	Farmall M
	1650 Oliver, gas

COMING SOON-GRAND OPENING SALE IN OUR NEW BUILDING

WHITE Farm Equipment | bobcat | KUBOTA | SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1850
Ferguson TO-30
Farmall M

TILLAGE - PLANTING
White 543 No Til
White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
Int. 249A 2-Row Planter

HAYTOOLS
IHC 990 Mower Conditioner
NH 469 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 30 Ft. Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

FORAGE TOOLS
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
IHC 650 w/2-Row & Pickup
Gehl 300 w/1-Row & Pickup
Lamco 16' Forage Box w/roof

CORN PICKERS & COMBINES
JD 227 Picker
IH 91 Combine with 10' Head

SPREADERS
NI 213 Single Beater
NH 518 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N.H. L425 Loader
N.H. 310, 315 Balers
N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N H. Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
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Put power into your forage handling

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These big boxes hold up to 8 tons of silage to keep you on the move in the field, then unload fast at the front end when you get to the silo Both models have strong, roll-formed steel sides and a smooth 2-speed roller chain apron drive

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- Big 16-in conveyor auger unloads material fast
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IH F-300 w/2 pt
(3) IH F-M (Any Price Range)

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IH 720 6 Furrow 18" plow, like new
IH 510 4F 16" Plow
IH 540 4F 16" Semi.
IH 531 3F 14" MT.
MF 82 4F 14" 3 pt
Dunham 10' Packer Mulcher

MANURE SPREADERS
IH 35
IH 175
IH 530
NI 201

USED HAY EQUIP.
IH 46 Baler
IH 27 Baler w/thrower
IH 37 Baler w/thrower
IH 47 Baler w/thrower
IH 420 Baler w/thrower
IH 430 Baler w/thrower
NH 469 9 Ft. Mower Cond.
NH 479 9 Ft. Mower Cond.
NI 290 9 Ft. Mower Cond.
(3) IH 990 9 Ft. Mower Cond.
IH 120 7 Ft. Mower
IH 15 Hay Rake
IH 15 Hay Rake
NI Parallel Rake
NI Side Delivery Rake

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100 Gal. Sprayer

USED PLANTING EQUIP.
IH 400 4R Planter
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe
Ontario 14x8 drill

USED HARVESTING EQUIP.
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IH 1 Pr 1R Picker
MF 82 Combine (SP)
MF 92 Combine (SP)
IH 76 Combine (Pull)

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Van Dale w/Roof & Chassis
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Farmall Super C w/Cultivators	IHC 706 Diesel
Farmall M	IHC 706 Gas.
Farmall F300	White 2-105
Farmall H w/cultivators	Case 830 Diesel
Farmall M on steel	JD 1520 Gas
Farmall 400	Ford 801 Diesel
IHC 330 Utility	David Brown 995 Diesel
IHC 544 Gas Tractor	Minn. Moline 5 Star Gas
IH 544 Dsl. Hydro.	Nuffied 460 Dsl. Tractor
IHC 574 Dsl. Tractor, 913 hrs.	Case 450 Diesel Crawler w/hyd. blade

USED EQUIPMENT

IHC 700 4x16 Semi-Mtd. Plow	JD 24T Baler w/thrower
IHC 710-4x16 Semi-Mtd. Plow	NH 269 Baler w/thrower
IHC 311 3x14 2 pt. Plow	IHC 225 Windrower 10'
IHC 450 3x16 3 pt. Plow	Hesston 1014 Hydra. Swing Windrower
Ford 4B 16" 3 pt. Trip Beam Plow	OMC 217 9' Windrower
Ford 3B 16" 3 pt. Trip Beam Plow	Gehl 440 9' Windrower
Case 4x16 Semi-Mtd. Plow	NI 270 Cut/ditioner 7'
IHC Sub Soiler 2 pt.	NH 479 Haybine 9'
IHC 470 11'6" Wheel Disc	Ford #14 - 9B 7'3 pt. Sickle Mower
IH 9A Disc Harrow	IHC 1000 Sickle Bar Mower
IH 56 4R Planter w/Fert.	JD 39 3 pt. Sickle Mower
IH 58 6R 38" Planter w/Liquid Fert.	Oliver #2 4 Bar Rake
IH 249 2R Planter	IH MF 16x7 Comb. Grain Drill
IH 400 4R 38" Air Planter	JD GL 9x8 Grass Land Seeder
IH 400 6R 30" Planter	JD FBB 13x7 Grain Drill
IH 449 4R Planter	Gehl 2500 Skid Loader
AC 600 4R No-Till Planter	Bobcat M600 Skid Loader
Cole MX12 3 pt. Planter	JD #70 Skid Loader
JD 290 2R Planter	IHC 2000 Loader
JD 494A 4R Planter, dry fert.	IH 2250 Loader
JD 1240 4R 38" Planter	JD 10' Fert. Spreader
JD 1240 4R 30" Planter	NH 12' Fertilizer Spreader
Oliver 2R 36" Pull Type Planter	JD 8' Fertilizer Spreader
IHC 46 Baler	Badger BM 102 10' Manure Pump

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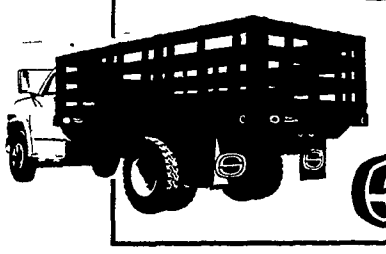

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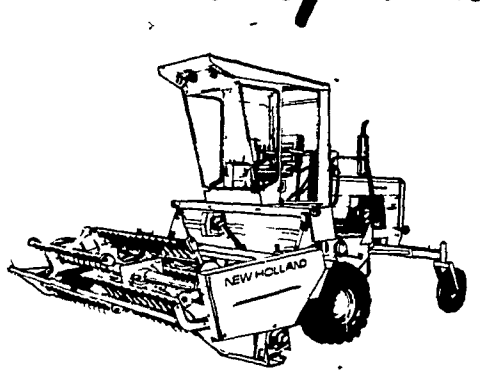
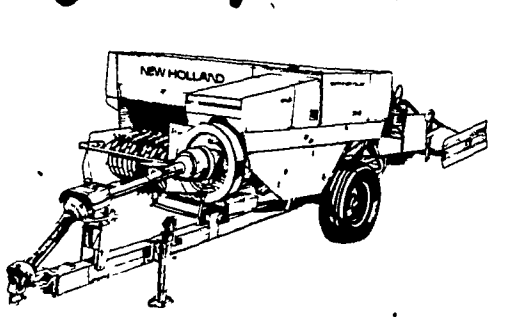


1495 Haybine® Mower-Conditioner

12 Ft cut with 9 ft. conditioning rolls for faster drying action.



NH 315 Baler

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Waiver of Finance on New Holland Hay Tools until Oct. 1, 1981 or Cash Rebates

THE LABOR SAVERS

Just Received New Shipment - Waiver of Finance Until Sept. 1, 1981

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Built Extra Rugged For Extra Dependability.

NH 791 10 Ton Spreader

NH L445 Skid Loader

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- ★ NH 1495 Self Propelled 12' Haybine, Cut less Than 100 Acres
- ★ Ford 3600 Tractor with Cab, 1 Year Old, 60 Hours, New Condition
- ★ NH 320 Baler with Thrower, 1 Year Old
- ★ IH Model 1190 Mower-Conditioner, Excellent

GOOD CLEAN USED EQUIPMENT

Farmall Super C, Fast Hitch
Farmall C w/Cultivators
Farmall 706 D, 3 Pt. Hitch
Farmall M Tractor
Ford 3600 w/Cab, New Condition, 60 Hours
IH 284, 6' Rotary Mower, flotation Tires, Used 26 Hours
510 Grain Drill, Ex.
NH 519
NH 510
NH 362 Tank
NH Super 717 Harv.
IH 650 Harv.
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New Idea Lime Drill
Several Used Cub Cadets
NH #33 Flail Chopper
Twin Rower to Pull 2 Rakes
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NH 315 Baler w/Thwr
NH 276 Baler w/Thwr
IH 37 Baler w/Thwr
IH 46 Baler
Oliver 520 Baler
NH 258 Rakes (1 yr. old)
NH 479 Haybine
IH 990 Mower-Cond
NH 490 Haybine 12 ft.
Rotary Mower, 3 pt. Hitch
IH 1190 Mower Conditioner
1495 Self Propelled
Oliver 3 Bottom
IH 400 Planter, 4 Row
IH 531 Plow
Athens 13' Disc Harrow Excell Cond.
Ford 8' 3 pt. Disk Harrow
IH 37 Disc Harrow
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Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt, Water Pumps, Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A, B, C through 1586, also for most models of IH combines **IH dealer inquiries invited on our parts & prices!**

Complete TA assemblies for 706 1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure.** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA-340 560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor yourself and send the center housing to us Shop is also available for other major tractor repairs

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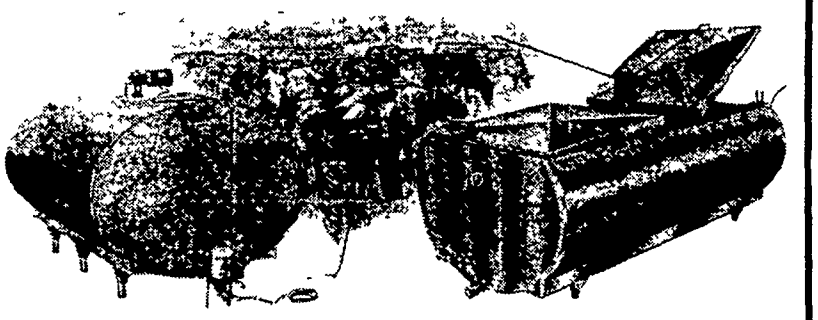
Superior Cooling, automatic washing, and free hot water are only **three** of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!



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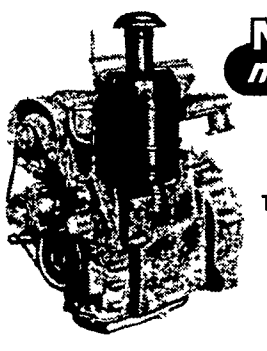
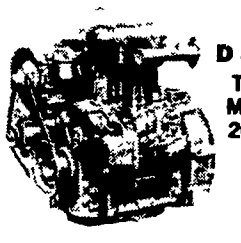
in your milking parlor the Model 'OH' can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge



MWM murphy DIESELS — **DIESEL ENGINES**

Two Cylinder Model D 302-2 14 to 32 HP



D 327 Series Two Cylinder Model D327-2 20 to 36.5 HP Max.

For More Information Contact Your Authorized Mueller Dealer

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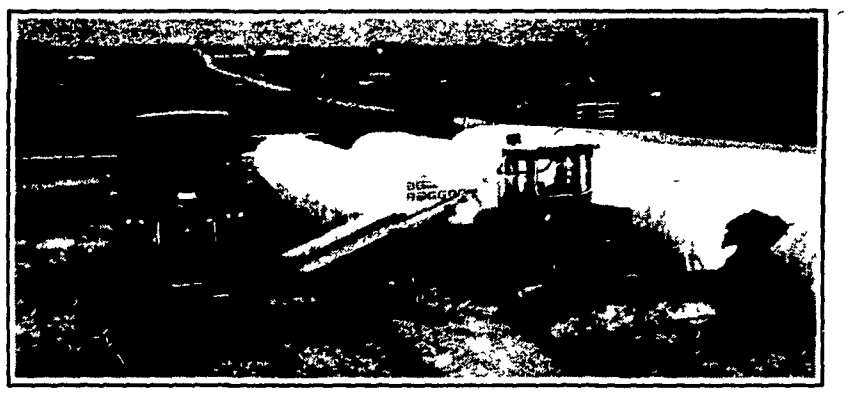

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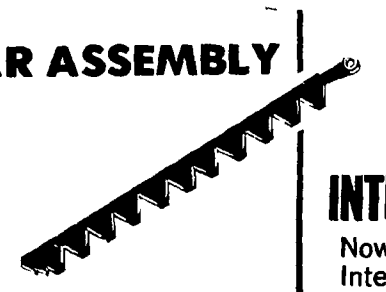

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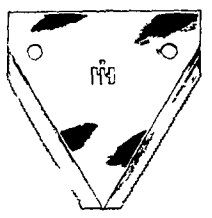

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M22831
List 51¢
SALE
39¢

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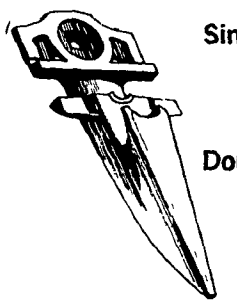

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SALE $3.40

Double Guard - 483500R3
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SALE $5.75

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- Exclusive Polypak rod seals for longer life and top performance
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The working end of this cylinder is built to do the job

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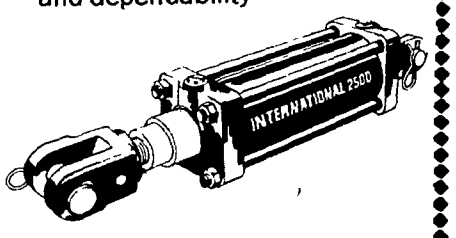

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TRACTORS and MACHINES ARE MOVING. If you're looking for a piece of good used equipment and its not listed below, Call us anyway, could be we just traded what you want.

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6072 IH #37 Disk
5828 IH 470 21' Disk
6280 Krause 2416 Disk
5842 J.D. 440 12' Offset Disk
5440 J.D. KB Disc Harrow
6330 J.D. 1630 Disk
6332 J.D. 310 12'6" Disk
6421 J.D. BWA 11' Disk
6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
4969 Miller 12' Disk
5135 Bushhog 1445 Disk 25'
5538 Pittsburgh 10' Disk w/cyl
6036 Case 20' Disk
5393 MF 18' Offset Disk
6025 Dunham 12' Packer
6434 AC 3300 Disk 20½'
Dunham 42319 Wing Cultipacker
Deere 210 Disk 12'

HAY & FORAGE

6537 NH 469 Haybine, 9'
NH 477 Haybine, 7'
5311 IH 225 Hayswather, 7' Self Propelled
4263 IH 990 Mower Conditioner, 9'
6566 Deere 3800 Harvester
6138 Fox Super D 162 Harvester, Self Propelled
5752 IH 650 Harvester, Recutter
4405 IH 650 Harvester, Recutter
2319 IH 650 Harvester Direct Throw
5444 NH Super 717 Harvester
5445 NH 717 Harvester
IH 350 Harvester
6524 Mohawk 6' Rotary Cutter
5814 Deere 737 Rotary Cutter, 13'
6423 Lilliston, 6' Rotary Cutter
4976 NH 320 Baler
5776 Bushog 9' Rotary Cutter
5371 IH 56 Blower
5360 Deere 65 Blower
5775 IH 110 Forage Box, 16'
6090 IH 110 Forage Box, 16'
6091 IH 110 Forage Box, 16'

TRACTORS

IH - F1586D w/30.5x32 Tires
5255 IH - 1466 Tractor
5583 IH F806 Tractor
6406 IH F806 Tractor
6073 IH 766D Tractor w/Cab
5760 I - 706D Tractor
5660 F706D Tractor
5163 IH 706D Tractor
6186 IH 656 Hydro Tractor
6413 1-464G w/Dunham Loader
6005 I - 464D Tractor
5980 F - 450 G Tractor
5642 F444 Tractor
4307 IH - Farmall 400 G Tractor
6035 Case 2670 Tractor 4WD Tractor
6165 Deere 4020 D Tractor
6328 Melroe 444 Bobcat Skid Loader
6109 IH 2000 Loader
6161 IH 2000 Loader
IH - F1586D, 20.8x38 Duals
6435 IH 1066 Hydro
MF 1805 4WD w/Blade
IH F 544D
IH F 1086 D w/Cab
IH 125 Series C Crawler, Loader
Ford 4000D SU
IH - F886D w/Cab, 400 Hrs

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2240 IH 400 Planter 4R
3288 IH 400 Planter - 8R cycle
9903 1300 Cornplanter - 4 Row (JD)
2414 J.D. 494 Cornplanter
5321 IH #10 Grain Drill
5080 J.D. 20x7 Drill ModelB
6237 FMC Trojan 10 gal. Sprayer
2038 Bean 40 RC Sprayer w/Truck
6467 IH 510 Grain Drill 24x6 Plain
IH 10' Fertilizer Drill
IH 510 Drill 24x6 Plain

COMBINES

6252 IH 1440 Combine
6239 IH 1460 Combine
5782 IH 915 Combine
5742 IH 915 Combine
4148 IH 815 Combine
5928 IH 815 Combine
IH 715 Gas
6126 IH 503-C Combine w/430 w/n Cornhead, w/13.5' Grain Platform
5536 J.D. 6600 Diesel - Gear Combine
4823 J.D..4400 Combine Diesel
6389 J.D. F105 Combine
6387 J.D. 95 Combine
5413 J.D. 45 Combine w/10' Platform & 235 Cornhead
4877 A/C - Gleaner GKS
6098 NH 975 Combine
5838 NI 704 V6 Uni-System w/717 Combine
6396 AC Gleaner MKS

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Models	986, 1086	$3,000 or	$4,500
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	3388, 3588		
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Models:	1440, 1460, 1480	$3,500 or	$5,000
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* IH RED POWER DOLLAR CERTIFICATES MAY BE REDEEMED BY THE PURCHASER AT C.B. HOOBER & SON INC. ON THE PURCHASE OF ADDITIONAL NEW IH EQUIPMENT OR PARTS BY DECEMBER 31, 1981

C.B. HOOBER & SON INC.

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IH HEADQUARTERS FOR INTERNATIONAL HAY EQUIPMENT

WE'RE HUNTING HAYBINES!!

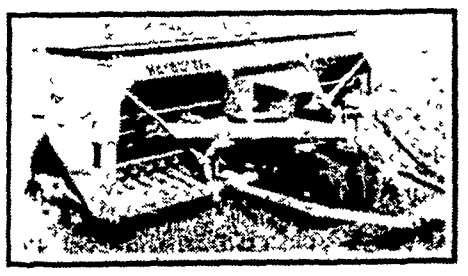
Call us when you start to make HAY and we'll demonstrate a new IH 1190 Mower Conditioner against your New Holland haybine. We're convinced that if you try an 1190 you'll see that it will increase production in your Hay Operations.

IH 1190 IS SIMPLE AND BETTER

If you demonstrate and then buy an IH 1190 Mower Conditioner and trade your HAYBINE we'll give you
1) a $500.00 factory Rebate and
2) a SPECIAL $500.00 Extra HOOBER Trade Allowance.

WE AIM TO PROVE THE 1190 PERFORMS

HAYBUSTER NO-TILL DRILL



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MODEL 1206 MICRO-SEEDER CAN ALSO BE USED FOR MINIMUM OR CONVENTIONAL TILLAGE
★ Also Available in Semi-Mount Design
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RUGGED STEEL BALE WAGONS

- 18' or 21' long
- 8' wide inside
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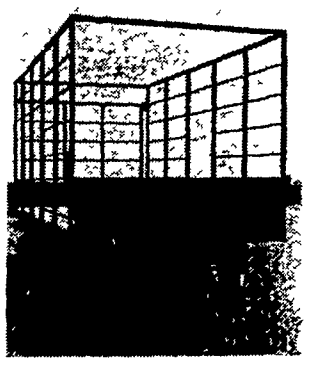
- Fold down front gate w/diamond plate platform
- Swing-out tailgate
- 8 ton gear w/ extendable tongue
- New 9 5Lx15 tires



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Make Quality Hay BETTER and FASTER

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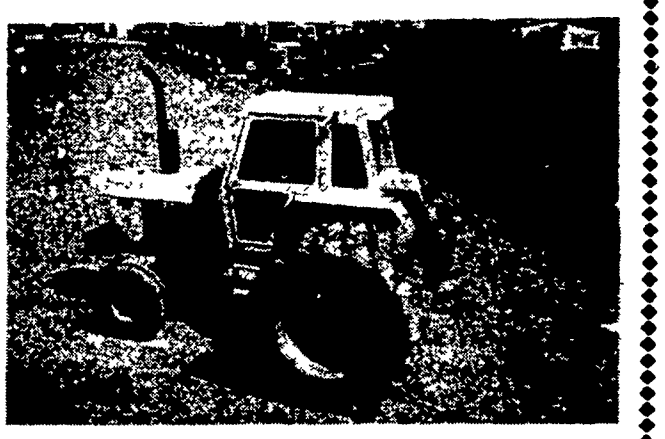
★ Available with Rubber Teeth

EVERY TRACTOR WE SELL...NEW OR USED - IS BACKED BY HOOBER'S SERVICE!

IH - F766D w/Cab, Excellent

IH - F1586D w/Cab & Duals, 1200 Hours



6585 Case 1370 w/dual 120.8x38, 1976

ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA

FARM EQUIPMENT

NEW IH EQUIPMENT

284 diesel tractor
284 4x4 diesel tractor
2 484 utility tractors
584 RC tractor
686 tractor
786 tractor
986 tractor
1086 tractor
350 10' disc harrow
475 18' 7" disc harrow
1190 9' mower conditioner
120 forage wagon
2350 loader
540 spreader
560 spreader
800 4 row early riser air planter
800 6 row early riser air planter
5100 grain drill 16x7
5513 chisel plow 13'
720 5F plow 18"
720 5F plow 20"

USED EQUIPMENT

MF 1105 tractor, cab, air low hrs., clean

HICKORY INTERNATIONAL, INC.
2 miles north of Bel Air, MD on US 1
301-838-4200

FARM EQUIPMENT

FARM EQUIPMENT

Badger · JOHN DEERE · HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

MF 35 diesel w/loader
JD 435 diesel
JD 520
Farmall Super H
Oliver Super 88
Ford 9N
JD M w/cultivator

CORN PLANTERS

IH 400 cyclo, no-till
IH 400 cyclo, regular
AC 6-row no-till
MF 2-row
Oliver 4-row
JD 494A 4-row
JD 246 2-row

MISC. EQUIPMENT

Haban corn sheller (like new)
JD 700 grinder
NH 512 spreader
JD 34 spreader
JD 830 windrower
NH 1469 windrower

Special This Month
NEW HESSTON 1090
MOWER CONDITIONER
$4850

PIKEVILLE EQUIPMENT, INC.
R.D 2, Oley, PA
Phone 215-987-6277
Berks Counties Full Line John Deere Dealer -
Serving the Oley Valley 45 years 1936-1981

COMBINES

IH 315, Cab, Hydro, 10' Platform, Very Good
JD 4400 Diesel, Cab, Air 13' Platform, straw chopper
JD 4400 Gas w/Cab, 13' Platform w/Pickup Reel
JD 6600 Diesel Hydrostatic, Cab & Air, 13' Platform w/Pickup Reel
JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
IH 1460 Combine, 650 Hours, Very Good Condition
Late Model IH 715 w/cab, 13' Quick- Tach grain table, very nice
GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4430 4 Post RG, Quad
JD 4320 Dsl. Cab, AC
JD 4230 Quad Range
JD 4020 Dsl. WF Powershift
JD 4010 Dsl.
JD 3010 Dsl.
JD 830 Dsl. 3 cyl.
IH 1456 D, WF
IH 1256 D w/Cab
IH 1256 D WF
IH 966 w/Cab & Air
IH 856 D, WF
IH 806 Dsl. WF
IH 766 w/cab, very nice
IH 574 w/2050 Loader
IH 756 D Fast Hitch
IH 656 Dsl. WF
IH 656 Gas WF

BALERS

JD 336 w/Thrower
JD 346 Wire w/Thrower
JD 346 Wire w/Bale Chute
JD 24T w/Throv SOLD
NH 276 w/Thrower
NH 268 w/Thrower

MOWER CONDITIONERS

JD 1209
NI 299 Cut/ditioner like new
NI 272 Cut/ditioner
NH 479, Very Good
Gehl 1880

HARVESTERS

MF 260 w/2R Corn Head & Pickup
JD 3800 w/2R Corn Head
JD 35 w/2R Corn Head
NH 36 Flail
JD 16A Flail
JD 16A Flail, very good

DISCS

Hutchmaster Plowing Disc
IH 500 12', like new
Proven Rock Discs
JD BWF 14'
JD BWF Wingfold 16' 6" thru 20'
JD AW 14' & 11'6"

PLOWS

JD 1450 5 Btm. 18"
JD 145 4, & 5 Btm.
JD 620 3B 16" pull t SOLD

JD 4520 DIESEL TRACTOR, CAB, AC, POWER SHIFT, 18.4x38 DUALS, FRONT WEIGHT AND QUICK-COUPLER, VERY GOOD!

MISCELLANEOUS EQUIPMENT

MF 235 Loader w/valve control
JD 1240 Plate Planter, Dry Fert., Insect., rubber press. SOLD
IH 400 Air Planter Dry Fert., Insect., Very Nice
JD 58 Loader w/large materials bucket
IH Pickup Head for 550-650 Harvester
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
JD 6 Row Cultivator
JD 300 Corn Picker 2 or 3 Row Optional
20' Speed King Wheel Harrow
NH #27 Whirl-Feed Blower
New Full Vision Cab To Fit JD 4030 thru. 4430.
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
Cab to Fit JD 30 & 4020

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

FARM EQUIPMENT

FARM EQUIPMENT

GOOD USED EQUIPMENT

Farmall H tractor
IHC model 350 trailing disc harrow 11'6" good cond
Leyland model 2100, 100 hp. w/16 9x34 dual wheels 1400 hrs. w/cab, clean
Used NI #279 cutditioner, like new
JD 13x2 grain drill, double disc openers good condition
IH 3 btm semi-mtd fast hitch plow
IH #710 4 F auto reset plow
IH 4120 Skid loader w/2 buckets
F-140 w/cultı , ldr , plow, & mower, exc cond

NEW IDEA FARM EQUIPMENT

L.L. ECKROTH FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
717-943-2367

C.J. WONSIDLER BROS.

ALLIS CHALMERS AGRICULTURAL EQUIPMENT

TRACTORS

AC 7040 D w/cab
AC 7030 D w/cab
AC 190XT D w/cab
AC 185 D
AC 170 G
AC 6040 D
AC D17 G
AC WD45 G
AC WD G
JD 3020 D
JD 820 D w/7' Blade
JD 1010 Crawler w/3 pt hitch, PTO, dozer blade
JD 60
JD B
Farmall 460 D
Farmall 154 w/mower
Farmall 185 w/mower, snow plow & snow blower
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 65 D
MF 50
Ford 3000 G
Ford 860
Ford 800
Ford 9N
Oliver 500 D
Case 630 w/Loader
(3) Case 300
Case DV
Satoh Elk 550 w/lo hrs

MISCELLANEOUS

NI 506 Front end Loader
JD 17 Disc Drill
McCormick 13 Disc Drill

CORN PLANTERS

AC 600 Air Champ 4-row w/liquid fertilizer
AC 600 4-row
(2) JD 494A 4-row
JD 494 4-row
Farmall 556 4-row

TILLAGE TOOLS

AC 5-B 16" Plow-Semi
AC 4-B Plow-Snap coupling
Oliver 6-B Plow-Semi
Oliver 5-B Plow-Spring Trip
Oliver 4-B Plow-Auto reset
Oliver 3 B Plow - 3 pt. hitch
Ford 5-B 16" Plow - 3 pt
JD 2 B Plow-pull type
Oliver 252 12' Disc
Bush Hog 1436 14' Disc
JD 12' Transport Disc
JD 7' Pull Type Disc
McConnell 16' Transport Harrow
JD 10' Cultimulcher w/Harrow
JD 10' Cultimulcher
AC 3100 10' Offset Disc
AC 16½' Field Cultivator

COMBINES

Gleaner K w/grain & corn heads
Gleaner AII w/13' grain & 2 row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

"FINAL WEEK!!"
AC 600 No-Till 4-row Corn Planters & AC 600 No-Till 6-row Corn Planters Each w/Granular Fertilizer & Insecticide Units.
"LAST AND FINAL DEALS CUT DOWN 30%!!!"

AVCO NEW IDEA
Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523
OR Rts 309 & 100, New Tripoli, PA (215) 767-7611
OR Lobachsville, Oley, PA
(215) 987-6257, 987-6221

FARM EQUIPMENT

FARM EQUIPMENT

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL ON NEW MACHINERY

	List	Sale
JD 2440	$19,061	$14,800
JD 1209 Mower Conditioner	7562	5500
JD 1207 Mower Conditioner	6200	4500
JD 567 Rake	1846	1500
JD 680 Spreader	9875	7300
JD 506	935	735
JD 225 Offset Disc	5348	4250
JD 1250 Plow 3-16"	2010	1650
JD 2600 Plow 4-18"	7800	6300
JD 445 RH Flail Spreader	4657	3600

Waiver of Finance Till Oct. 1 On Most Hay Equipment

SPECIALS ON USED EQUIPMENT

JD 4000 tractor	10,700	10,400
JD 530 tractor SOLD	2900	2500
JD H w/cultivators	750	650
Ford 8N, mint cond	2800	2500
Ford 801 backhoe & Loader	5000	4500
Ford 801	2500	2100
JD 336 baler w/3ejector	4600	4200
JD 7000 planter, 4RW	6000	5500
JD 7000 Maxi Merge	6500	5600
JD 494A	900	700
JD 494	650	500
JD 1240 plateless pltr	2300	2000
AC no-till 6RN	3500	2400
IHC 6RN 400 cyclo	3500	2500
IH 56 4 row SOLD	2000	1500
White 5400 plateless planter, 6RN, 2 yr old	6600	6000
Plow for cub Lowboy	395	375
MF disc, 12'	2000	1900
JD 790 Spreader	2500	2000
JD R Spreader	475	400
NH 460 haybine	1450	1000
JD 640 rake	1200	1000
Transport disc	1250	995

NO TRADE ON SALE PRICES

JOHN DEERE
AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

DISC'S

Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset. . . . $4000
Wilbeck Offset . $4500
Bush-Hog w/wings new. $6700
(2) Int Cubs - Rebuilt $600
(2) JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(3) IH 44 Blade - Rebuilt $1800 - $2000
IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
White 44 Blade - Rebuilt $2000
White 32 Blade - Rebuilt $1800
(2) Cub - Used. . . $400
JD 28 Blade - Wheel - Rebuilt $1700
Oliver 36 Blade Wheel $1500
(16) 6'6" 3 pt. - New $495

NI UNI SYSTEMS

702 Tractor
(2) 701 Tractor
727 Husking Bed
(4) 2x40 Cornhead
(6) 3x30 Cornhead
(3) Combine
(2) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

HARVESTER HEADS

(2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
(3) NH 717 2x30
(2)NH 717 PU
NH 880 Sickle
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(7) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

CULTIVATORS

(2) MH 1X
MH 2X
(2) JD 1X
(4) JD 2X
(2) JD 4X
(13) IH 1X
(4) IH 2X
(2) IH 4X
(5) AC 1X
(5) AC 2X
Ford 2X

WENGER'S INC.
TRACTOR WHOLESALERS
S Race St., Myerstown, PA 17067
Days 717-866-2135
Nights: 717-866-7147
Nights: 717-866-7147
Or 717-273-9098

LONG

WENGER'S INC.

TRACTOR WHOLESALERS

LONG

SOUTH RACE STREET
MYERSTOWN, PA 17067

PHONE:
DAYS: 717-866-2135
NIGHTS: 717-866-7147
OR: 717-273-9089

ON STOCK: 1000 USED TRACTORS IN OUR SALVAGE YARD FOR PARTS - Best Selection Anywhere!

REASONABLE PRICES FROM THE TRACTOR WHOLESALERS

150 HORSEPOWER CLASS
Farmall 1466 - Cab $15,000
Case 1470 - Cab - 4WD* . . $13,900
Oliver 2655 - 4WD - 18.4x38* . $10,750
Case 1370 . . . $11,000

130 HORSEPOWER CLASS
Farmall 1086 - 4 Post - 18 4x38 . . . . . $14,900
JD 4430 - Cab - Air - Quad $17,500
JD 5020 - Cab - 18.4x38 Factory Duals $8900
MF 1155 . . . . . $9500
MF 1150 . . . . . $7500
AC 220 . . . . . $6900
Oliver 2050 . . . $6900

120 HORSEPOWER CLASS
(2) Farmall 1066 - Cab - Air . . . . $10,900 . . . . . -$12,900
JD 4320 . . . . $11,500

90-110 HORSEPOWER CLASS
Farmall 806 Diesel $4800
(2) Case 1030 Diesels $5000
JD 4020 Diesel - Powershift . . . $7900
MF 1105 - Duals $8750
Oliver 1950 . . $7000
Oliver 1950 - T Mechanical 4WD $7500
Oliver 1850 - Hyd 4WD $7800
AC 190XT $4800
Oliver 1855 - Cab - Clean $10,000

70-90 HORSEPOWER CLASS
(2) Farmall 706 Gas - WF $3700
(3) Farmall 706 Diesel . . $4500-$6000
Farmall 706 German Diesel $7500
Case 930 Standard $2800
Ford 7000 - Cab - Air - Dual Power $7900
(2) JD 820 PTO - Hyd $3000
JD 3020D - WF - Snycro $6900
MF 1085 - Cab - Air $8750
Oliver 1800D - 4WD Mechanical* . . . $8000
Case 930 CK - As Is $3500

50-70 HORSEPOWER CLASS
Farmall 560D . . $4800
Farmall 450G . . $1500
Farmall 460G $2000
Int 674 D w/New Loader $8900
Farmall 656D - Hydro $6350
(2) Case 830 CK - WF - 3 Pt. $4900
Ford 5200 - 10 Speed $4950
JD 730 D - No PTO - WF $2000
JD 730 G - WF . $2500
(2) JD 70 - Gas & Diesel $1500
MF 265 . . . . . $7750
MF 175 . . . . . $4850
Long 610 - 4WD - New $10,900
Long 560 - 4WD - New $8900
Long 560 - 4WD $5000
Oliver 770D . . $1500
AC 170 . . . . . $5700

UNDER 50 HORSEPOWER CLASS
Int 2404 w/Sickle Mower $6000
(3) Farmall Cub w/Cult . $1750-$2850
Farmall Super A $1500
(2) Farmall H . . . . . $750-$950
(2) Farmall Super C . . . . . $1200-$1600
Farmal 300 . . . . $1250
(2) Ford 4000 D . . . . . $2250-$3500
(2) Ford 9N $1250 & up
JD MT $1650
MF T030 . . . . . $1250
Long 310DT - 4WD - New $7950
Long 310C - New $6750
Long 310 - New $6000
Long 360 - New $7300
ACD12 . . . . . $2000
AC C w/Rotary Mower $1500
AC G $1500
(2) AC B . . $800-$1200
IH B275D $1800
Ford NAA $2850

CULTIPACKERS
Brillion 9' $175
Dunham 12' $595
(3) 16' packers . . $795-$1250
Brillion 12' Mulcher $1675
Dunham 16' Mulcher $2275

COMBINES
Gleaner CII w/Grain $3500
(3) JD 40's From $1200
JD 45 . . . . . $1500
IH 203 . . . . . $2000
IH 715 . . . . . $10,000
MF 300 Qt $9500

FLAIL CHOPPERS
JD 16A $1500
NH 36 . . . . . $2000
MC $695
IH #5 895
AC 56F $395

(14) CARS & PICKUPS

CRAWLER LOADERS
Cat 941 . . . . $16,500
Cat 933 . . . . . $8750
Cat 933 Swamp $8750
(2) JD 350 . . . . $8800
JD 450B w/9300 Hoe . . $14,900
JD 2010 w/4 in 1 bucket $6000
Case 310 . . . . . $4500
Int 340 Loader & Backhoe $5000
Cat 955H - . . . $9500

TRAILERS
1969 Great Dane 35 ton detachable . $13,750
New HD10 2½ ton $1650
(2) New HSE14 4 ton . . . . . $1600-$1700
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton $2950
New HTRB18 18 ton $5875
(5) New 2 Axle Trailers $1250
1976 Gooseneck 3 axle w/tilt top . $5000

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab $17,500
(2) JD 310 . . $11,500 & $10,500
Ware Hoe Attach $2750
Howard 3 pt Hoe $2500
Case 580B w/Cab $9500
Case Hoe Attach $2500
JD 9300 Hoe Attach $5500
IH Hoe Attach . . $2250

DRILLS
Ontario 14 D Disc $195
Int 13 S Disc $900
Int 17 S Disc . . . $1800
Int 18 D Disc . . . $2000

HARVESTERS
NH 717 - 2x30 - PU $2500
AC 720 - 2x30 - PU $1750
IH 650 - 2x30 - PU $2000
JD 34 - 1X - PU . $1650
Fox SP Diesel - Max II - 3 Row - Flail Head $11,500
Fox - 2x40 & PU . $750

MISC. CONSTRUCTION
Int TD9 Winch . . . $500
Davis DH5 trencher New Diesel . . $14,500
JD 420 winch . . . $600
New winch $1000
(6) Sweeper attach. From $95
(40) Used hoe buckets . . . From $150
(25) Loader buckets . . . . From $95
New landscape boxes . . . . From $425
(4) Set forklift forks . . . . . From $300
Sheepsfoot Roller $1750
Cat D2 Winch . . . $400
JD 1010 Winch . . $250
Air Compressor (Garage Type) - Like New 5 HP $1750
4 Cyl Detroit Diesel Powerunit $3250
Mich 35 4WD Loader $8500
Hough 50C 4WD Loader $7000
Franklin 133B Pack-N-Back Skidder $7750
Huber Maintainer $2500

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw . . . $8000
1968 F Mack Sleeper screw . . $2800
1976 Ford 7000 Louisville single $9950
(2) 1974 Ford Louisville single $9500
Int Emoryville . . $1700

CORNPLANTERS
(2) IH 6X Air - Liquid $2500
(2) JD 290 Pull . . $595
Ford 4X w/Gandy $1000
(2) 2x3 pts $395
Ford 2x3 pt $600

CHISEL PLOWS
Athens 13' pull . $1575
Glenco 9' Soilsaver $3400
(8) Field Cult: - . . . . . From $795

CABS
New All Season For 930 & 1030 . . . . $1700
New FV For IH Combines $1000
New FV For 1150 MF $1700
New FV For 1085 - 1155 MF $2000
Used For JD 45 Combine $600
Used For IH 203 Combine $800
Used For NI Uni System $900

LARGE CONSIGNMENT AUCTION MONDAY JUNE 8, 1981
10:00 A.M.

CORNPICKERS
NI 12 Roll Mtd. (319) $3500
NI 12 Roll Mtd. (305) $1950
NI 324 12 Roll . $5500
(3) NI 311 Sheller $1650
NI 324 Sheller . $5800
NI 325 Sheller . $3500
Ford 1X Mtd (Blue) $1350
Oliver #5 1 Row . $395
NI #10 . . . . . $895

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans- Double P.S. New Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1975 Int 2050- Tandem-Cat 225 Diesel 10 speed R.R.-New 26' Jerr-Dan Rollback Heavy Duty . . $21,750
1969 INT w/24' Rollback - Nice . $8500
1968 Int. Diesel - 24' $8500

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

PLOWS
AC 2X Rollover - SC $300
White 6x18 Reset $5000
(2) JD 5x16 semi mtd . . . . . $900-$1350
JD 5x16 Pull $975
(40) 1X to fit small tractors
JD 1450 6x16 . . $2150
JD 1450 6x16 . . $2950
JD 1450 6x18 . . $3350
IH 720 5x20 Reset $5000
White 348 3x16 Reset $1850
(3) JD 2600 4x Reset New $5000
IH 6x16 Reset $2800
JD 2600 7x18 On Land Spring Reset . . $6500
1x, 2x & 3x Rollover Plows on Stock
1x-2x pulls on stock
Lot of 3x and Smaller Plows

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 - Cat Diesel . . . $13,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel . . . $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent $4500

FORKLIFTS
Ford 30' Diesel $12,500
JD 2010 . . . . . $5950
Int 340 . . . . . $4950
Yale 3000 Lb . . . $3950

5 FOOT 3 PT. ROTARY MOWERS $495.00

HAYING TOOLS
JD 336 Baler w/Kicker $3900
Chopper Attach For Baler $475
NH PTO Thrower $275
(2) Elevators . . $695
Case 950 SP Windrower $595
(3) NH 479 Haybine $2500-$3600
(2) NI Cut-Dutioners . . . . . $1200-$1800
Gehl Haybine . . $1250
Hesston 10 Stacker - Nice $3000
NH 850 Round Baler $4500
JD Stack Mover $1850
(2) Hesston 10W Mover $750
(2) NH 56 Rake . . . . $1150-$850
NI Rake $595
AC Rake $795

COMBINE CORNHEADS
110 On Stock
(5) AC 2x40
(3) AC 3x30
AC 4x30
(5) AC 4x40
(2) AC 6x30
(16) JD 2x40
(6) JD 3x30 & 3x40
(5) JD 4x30 & 4x40
(12) IH 2x40
(11) IH 3x30 & 3x40
(9) IH 4x30 & 4x40
(9) MF 2x40
(5) MF 3x30 & 3x40
(3) MF 4x30 & 4x40
MF 6x30
(7) Oliver 2x40
NH 2x40
NH 3x30
(3) Oliver 3x30
Case 3x30
Case 4x40
(5) Oliver 4x30 & 4x40

NEW MACHINERY SPECIALS

4' 3 Pt. Rotary Mower	$485
4' Pull Rotary Mower	$675
5' 3 Pt. Rotary Mower	$495
5' Pull Rotary Mower	$695
6' 3 Pt. Rotary Mower	$695
6' Pull Rotary Mower	$795
5' Free Stall Scrapers	$450
6' Free Stall Scrapers	$475
Landscape Boxes - Same As Above	
3 Pt. Boom Poles	$60
7' 3 Pt. Peg Harrow	$395
10' 3 Pt. Peg Harrow	$495
14' 3 Pt. Peg Harrow	$595
3 Pt. Fertilizer Spreaders	$395
6' 3 Pt. Landscape Rakes	$495
1 Row 3 Pt. Marker	$175
2 Row 3 Pt. Marker	$265
6' 3 Pt. Blades	$195
7' 3 Pt. Blades	$245
8' 3 Pt. Blades	$285
12" Post Hole Digger	$495
6'6" 3 Pt. Disc	$495
1 Bottom 3 Pt. Plow	$295
2 Bottom 3 Pt. Plow	$450
5 Ton Wagon	$395
1200 Bu. Corn Cribs	$795
4'x8' Utility Trailer	$395
3 Pt. Woodsaws	$875
"0" Category Tools 3 Pt. Disc	$295

CORNSHELLERS
(2) JD 43 PTO . . . $700
MM D PTO $375
(3) NI Grinder for Mtd . . . . . $350-$750
(5) NI Shellers for Pull & Mtd . . . $300-$1000
(6) IH 234 Shellers & 12 Roll Beds . . . . . $350-$950

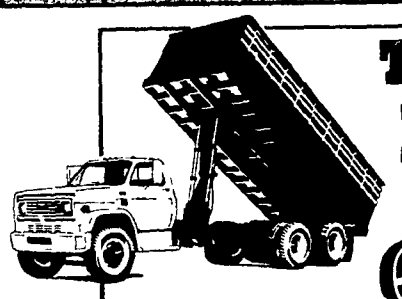
MISC. MACHINERY
JD 4020 Rollbar & Roof $475
Long RollBars . . . $300
JD 400 Feed Mill $2500
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Potato Diggers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill. $500
Spike Harrows . . . . . $75 per section
Spring Harrows . . . . . $75 per section
(2) 1 Row Potato Diggers . . . $295-$395
Howard Rotovator $1275
Wools Recutter . . $975
Lime Drills $295
(2) Rotary Mowers - Approx. 14' . . . . . $1800-$3500

DUALS (HUBS EXTRA)
18 4x38 JD Axle $1500
18.4x34 Axle . $500
16.9x38 Axle . . $750
(7) 18.4x38 Axle $575 - $675 - $750 - $775 - . . . . . $900 - $975
18 4x38 Factory Axle MF . . . . . $1000 . . . $1350 - $1500
15.5x38 Snap On $450
18.4x34 Snap On $650
18.4x38 Factory Oliver $1350
18.4x38 Factory Ford Axle - New $1800
Lots Of New Duals On Stock

TARP SALE

REG.		SALE
5'x5'	18.95	$ 9.50
5'x7'	20.95	10.50
5'x9'	25.95	13.00
8'x10'	35.95	18.00
9'x10'	39.95	20.00
10'x12'	45.95	$23.00
10'x14'	55.95	28.00
10'x16'	65.95	33.00
10'x18'	79.95	40.00
10'x20'	99.95	50.00

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT



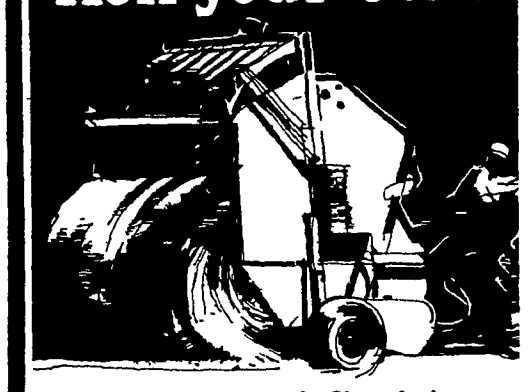
Tough, Dependable Farm Bodies & Hoists

Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

THE VERMEER BALE . WORLD HEAVYWEIGHT CHAMPION!

Roll your own



It's the World Heavyweight Champion!

Up to 2,000 lbs of hay in one package Up to 15 tons per hour Solid from the core to the outside wrap 25% heavier than other large round packages 25% less spoilage A bale that retains its shape — and nutritional value — better than any other hay package in the field

Three quality built "F" Series Balers to fit your needs Plus the new "G" Series, designed with energy savings in mind

Call today for a demonstration and get this *free* belt buckle

Vermeer VERMEER HEAVYWEIGHT CHAMPION

RED WING FARMS

R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

TRIPLE H EQUIPMENT

VERMEER
Peach Bottom, Pa.
717-548-2640 or
717-548-2094
Vicon

NEW EQUIPMENT

3 - WRIGHT RAIN manure pumps and sprinklers
3 - 5 wheel 3 pt. Vicon Rakes
2 - 6 wheel trailer Vicon Rakes
1 - 15' Vicon Power Harrow
1 - KM 240 Mower Conditioner
1 - OM 240 Mower Conditioner
1 - CM 240 Mower 3 pt.
2 - 1900 lb. Vicon Spreader-Seeders

We Have In Stock
New Vermeer Balers and
Mobile Irrigation Equipment
for water or manure.

Just Arrived...
VERMEER MOWER CONDITIONERS

SPECIAL ON
SORGHUM-SUDAN SEED $22.00/Unit

USED EQUIPMENT

Vicon Spreader-Seeder 1400 lbs.
Hesston SP 500 Windrower
Hesston 10 Stackhand & Mover
New Holland #275 Baler
New Holland 277 Baler
John Deere #1209 Mower Conditioner
John Deere Single Chain Bale Elevators
2 - Bale King Wagons
Farmhand Wheel Rake
Vermeer Twin Rake
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

New Equipment

Tag		List	Cash & Carry
1159	H Lely Broadcaster	$1010	$ 895
1224	GL10 Lely Gemini Hay saver	2217	1800
1829	8 ton wagon chasses w/telescoping tongue		595
	Jet Hoist for pickup truck only	1095	695
1252	519 NH box type manure spreader	4458	3807

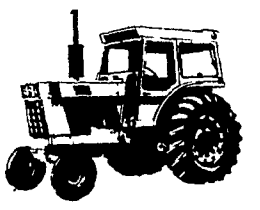
Used Equipment

1579	282 NH baler	2950	2150
1852	Cub tractor	2000	1850
1575	LA JD tractor w/ plows & culti.	1800	1600
1063	TO20 Ferguson tractor	1800	1500
1820	2000 Ford tractor w/loader	4500	4150

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT

291 W. Moorestown Road,
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240



NEW TRACTORS

IH 284D
IH 284D 4WD
IH 384
IH 584 Std.
IH 684
IH 884
IH H 84
Farmall 786
Farmall 986
Farmall 1086

NEW TILLAGE

IH 735 vari-width, auto. plow
IH 55 3 pt. Chisel Plow 13 ft.
IH 6000 Concertil 10 ft.
IH 4500 Vibra Shank

NEW PLANTERS

We Have 800 Series Planter In Stock

NEW GRAIN DRILL

IH 5100 20x6 plain

NEW DISC HARROW

IH 122 5'6"
IH 122 6'9"
IH 350 10'3"
IH 475 18'7"
IH 501

USED TRACTORS

Farmall H
Farmall M
Farmall 504
Farmall 544 w/3000 Loader
Farmall 656
Farmall 656D Hydro
Farmall 666
Farmall 766D
Farmall 966
IH 354
IH 656
IH 444
IH 454

USED COMBINES

IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head

UPtime service.

certified service 1980 1981

W.H. HOBENSACK'S SONS

1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101

FISHER ENGINE SERVICE

3141 Old Phila. Pike 717-768-3729 Bird-in-Hand, PA 17505

AUTHORIZED SERVICE CENTER

WISCONSIN

Ford Industrial Gas & Diesel Engines

ORIGINAL BRIGGS & STRATTON MADE IN MILWAUKEE WIS U.S.A. SERVICE PARTS

WISCONSIN HEAVY-DUTY ENGINES

AENLD Popular Workhorse

★ 9.2 h.p., 3200 r.p.m.

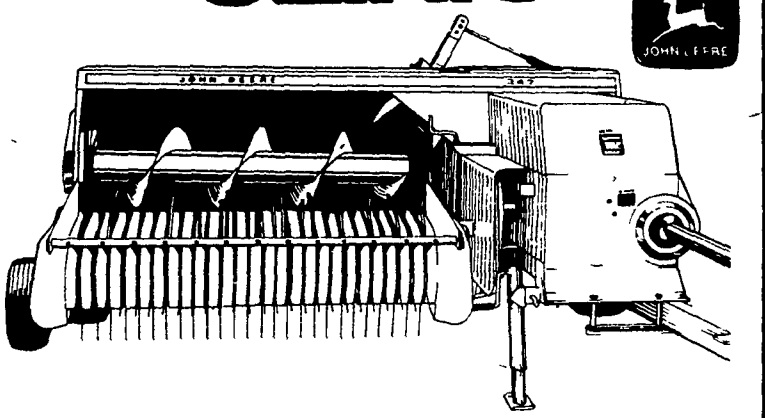
SPECIAL PURCHASE OF BRAND NEW FACTORY SURPLUS

Standard Model
List Price $708
Special Price $445

With PTO Speed CL. Reduction
List Price $1180
Special Price $885

PLAN TO ATTEND OUR JOHN DEERE

HAY TOOL CLINIC



Learn about new products in the John Deere hay tool line: new mower/ conditioner, new balers, new haylage choppers.

Pick up tips on hay tool adjustments and maintenance from our haymaking specialists.

Examine the features and quality construction of John Deere hay tools on display.

MONDAY, MAY 18th

7:30 - 9:00
Held at the Dealership
1 mi. N. of Oxford on Rt. 10N.

OXFORD GREENLINE

RD1, Oxford, PA
215-932-2753
215-932-2754

JOHN DEERE

New Summer Hours
7 am-6 pm daily Monday-Friday

BUY NOW...

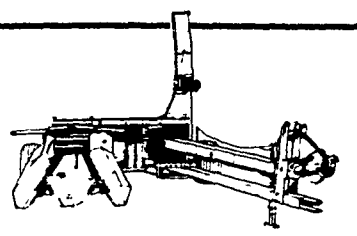
PAY NO FINANCE CHARGES ON THESE MACHINES UNTIL

SEPTEMBER 1, 1981 ON SPREADERS, SKID STEER LOADERS AND GRINDER MIXERS

OCTOBER 1, 1981 ON HAY AND FORAGE EQUIPMENT

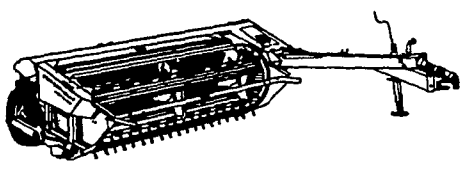
FUEL UP —ON US!

TAKE ADVANTAGE OF THE LAST TWO "BIG WEEKS" OF SPERRY'S FUEL UP CASH REBATE PROGRAM ENDING MAY 30, 1981



782 Forage Harvester w/2 Row 822 Head..... $8999
$250 Cash Rebate or Free Finance until Oct. 1, 1981

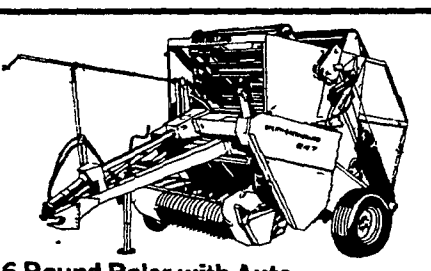
892 Forage Harvester w/2 Row 822 Head (Demo) $10,199
$300 Cash Rebate or Free Finance until Oct. 1, 1981



472 Mower Conditioner, 7 ft. $4800

474 Mower Conditioner, 7 ft. $5440

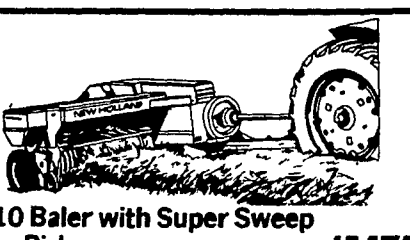
$100 Cash Rebate or Free Finance until Oct. 1, 1981



846 Round Baler with Auto Wrap (Demo) $7460

847 Round Baler with Hydraulic Wrap $7945

$175 Cash Rebate or Free Finance until Oct. 1, 1981

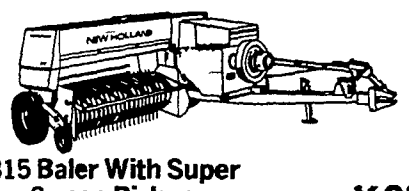


310 Baler with Super Sweep Pickup $5475

310 Baler with Model 70 Bale Thrower..... $7125

310 Engine Baler with Steel Wheels $6800

$125 Cash Rebate or Free Finance until Oct. 1, 1981



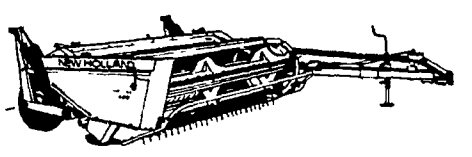
315 Baler With Super Sweep Pickup $6050

315 Baler With Model 70 Bale Thrower..... $7700

320 Baler With Super Sweep Pickup $7600

320 Baler With Model 70 Bale Thrower..... $9260

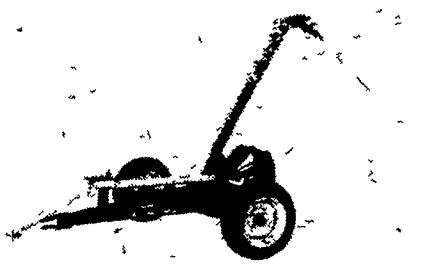
$125 Cash Rebate or Free Finance until Oct 1, 1981



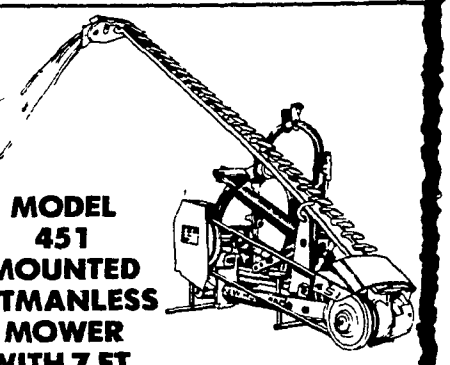
488 Mower Conditioner, 9 Ft..... $5650

489 Mower Conditioner, 9 Ft..... $7020

$125 Cash Rebate or Free Finance until Oct. 1, 1981



456 TRAILER MOWER
7 ft. Cutterbar, Hydraulic Lift, on Steel Blades
$2095.00



MODEL 451 MOUNTED PITMANLESS MOWER WITH 7 FT. CUTTERBAR **$1520.00**

5% OFF

ON ALL

CASH PURCHASES OF PARTS AND LABOR

NOW AVAILABLE FOR RENTAL:

- ☐ John Deere 1550 Power-Till Seeder
- ☐ John Deere 7000 4 Row Max-Emerge Corn Planter

★ **CALL FOR DETAILS**

WE HAVE A LIMITED SUPPLY OF THE FOLLOWING

Gandy Insecticide Attachments for JD 494A and JD 1240 Corn Planters and

Double Disk Seed Openers for JD 1240 Corn Planters

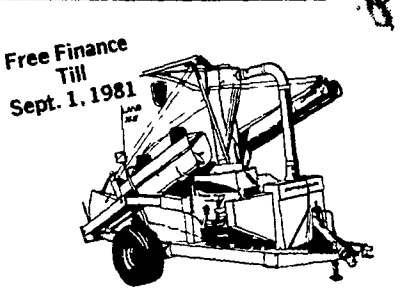
1 MORE WEEK SPECIAL SALE ON HYDRAULIC CYLINDERS

	Reg.	SALE
2½x8	66.60	$54.95
3x8	73.50	$59.95
3½x8	87.60	$73.95
4x8	115.30	$98.95

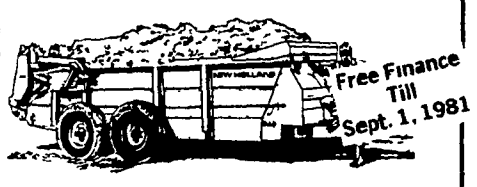
MODEL L-778, 62 HP, GAS
10:00x16 Tires and 66" Bucket
$15,180.00

MODEL L-425, 30 HP, GAS
With Mud Guard and 52" Manure Fork Bucket
$10,759.00

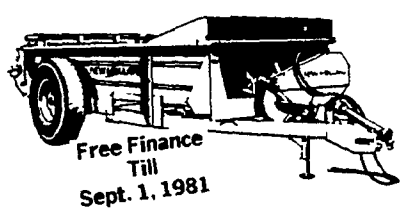
353 GRINDER MIXER
80 Bu. Tank, 540 RPM, 13 Ft. Discharge Auger **$5385.00**



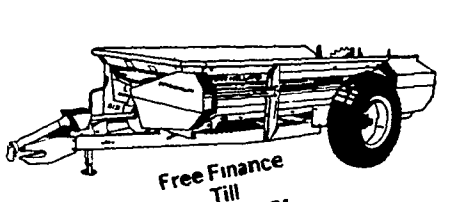
MODEL 358 GRINDER MIXER
125 Bu. Tank, 13 ft. Unloading Auger 2 screens, 31x13.5 tires **$6950.00**



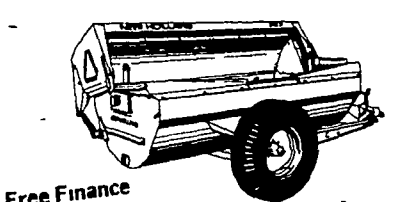
MODEL 800 SPREADER
With Hydraulic Endgate, Fine Manure Pan, Splash Guard, Flotation Tires, 15x22.5 And Surge Brakes
$11,193.00



MODEL 519 SPREADER
217 Bushel, with T Bar, Conveyor Chain, Splash Guard, Upper Beater and Hydraulic Endgate
$4760.00



MODEL 513, 177 BU.
With Splash Guard, Upper Beater and Hydraulic Endgate
$4219.00



MODEL 363 FLAIL TANK SPREADER
676 Gal., 152 Cu. Ft., 540 R.P.M.
$3550.00

SPERRY NEW HOLLAND — JOHN DEERE

ABC GROFF, INC.

STORE HOURS
Mon., Tues., Wed ... 7-5
Thurs., Fri 7-9
Sat. 7-4
Parts.. 717-354-4191
Sales... 717-354-4731
Service . 717-354-8004

Since 1890
110 S. Railroad Ave
New Holland, PA 17557

OPEN THURSDAY AND FRIDAY UNTIL 9 P.M.

Phillips — master charge — VISA

OUR TRUCKS ARE RADIO CONTROLLED

FARM EQUIPMENT

FARM EQUIPMENT

FOR SALE

JD 4-16" Rollover plows with coverboards $1400.00

New 15' Harogator with transport wheels & wings $1000.00

Clark 6000 Forklift with propane tank $2000.00

New Diesel tractors from 15 HP to 38 HP Will sell at dealer replacement cost.

10 HP Economy tractor with plow, cultivator, blade & lawn mower $1400.00

Pittsburgh 10' Field Cultivator with wheels, same as new $1100.00

JD 2 row 3 PH Corn Planter $295.00

David Bradley with new 7 HP engine, plus plow, cultivators, planter, etc. $295.00

New Hyd. Auger for gravity wagon.

We also have Partner chain saws, McCurdy wagons & bins, tires, hardware & plumbing supplies, plus a full line of farm & garden supplies.

SHADE GAP MILL
Box 672 Shade Gap, PA 17255
YOUR CASH & CARRY
FARMERS SUPPLY
Phone (814) 259-3258
Nights - 814-447-3388

FARM EQUIPMENT

case

USED EQUIPMENT

Case 1816 Skid Loader, Like New

NH 512 Spreader, real nice

NH 510 Spreader w/end gate $695

NH 518 Spreader w/end gate, real nice

NH 790 Spreader

NH 276 Hay Baler, Nice

2-NH #275 Balers w/throwers, good shape

NH 273 Baler w/thrower, real good

NH 1010 Auto Bale Loading Wagon

NH 469, 477 & 479 Haybines

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

Ag-Industrial Equip. Co.

ALLIS-CHALMERS · SPERRY NEW HOLLAND · KUBOTA · NEW IDEA · Bullhorn · GRADALL · Vicon

SPECIAL PRICES ON SPREADERS IN INVENTORY ONLY
OFFER EXPIRES MAY 15, 1981

	List	SALE
NI 213	3731	3200
NI 214	4168	3666
NI 243	5254	4285
SOLD I4	6739	5742
NI 213 Box	3076	2530
NH 519 Box	4408	3900
NH 679 Box	6288	5530
SOLD 363 Tank	5177	3356
NH 368 Tank	8127	5550
SOLD 71 Tank	7711	6125

COMING....
SUMMER AUCTION OF NEW & USED EQUIP.
THURS. JUNE 4th
See Full Listing Page A39

MOWER-CONDITIONERS
(3) NH 1495 Self-prop
NH 469
NH 495
(2) NH 479
NI 279 Cut-Ditioner
IH 5000 Self-prop

TRACTORS
Farmall 400
Farmall 300
(2) AC 7040
AC 7000
AC 175
MF 165

BALERS
NH 276 w/Thrower
NH 282 w/Thrower
NH 273 w/Thrower
3 NH 320 w/Thrower

HARVESTERS
NH 1890 Low Hours, Any Heads Avail.
NH 1880 Cat, Hydro
JD 3800 w/2 heads
Special Prices on New Machines

COMBINES
AC MKS w/6 RN 13' Platform
AC G w/15' Platform 4RW
NH 995 w/15' Platform

PLANTERS
AC 600 4-Row, Fert.
AC 4-Row, Liquid Fert.
AC 600 4-Row
AC 600 SOLD ow Bean Plan
AC 600 6R, Fert.
Ford Mtd.

GRINDER-MIXER SPECIAL
Interest Free Finance till 9/1/81
NH 353
NH 358
NH 359
Call us for trade

MISCELLANEOUS
Woods Mowers
NH 1012 Bale Wagon
JD Flail Mower
NH 365 Tank Spreader
NH 368 Tank Spreader
Bush Hog Mower
Badger Wagon

Large Parts Inventory and Modern Shop Facilities with Factory trained Specialists to serve You Better.

Sales Department Call Ed Greenleaf
Bob Carroll Terry Greenleaf
Service Call Peck Ramsay
1207 Telegraph Road Rt 273 Rising Sun Md
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

SKID LOADER SALE

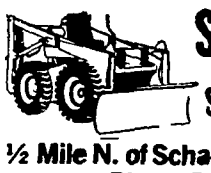
	List	SALE
(New) NH 425	$13,500	$10,500
(New) NH L35	$16,700	$11,000
(New) NH L779 Dsl.	$22,200	$17,200

(New loaders include Dirt Bucket & Weight Kits)

Rental NH 425	$6500
Used NH L35	$6500
Used NH L775	$8000
Used Case 1530B	$3500

All Sale Prices are no-trade only.
Good for machines in stock only.
New skid loaders are interest free financing till 9/1/81.

SCHAEFFERSTOWN EQUIPMENT



SCHAEFFERSTOWN, PA
½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

ALL MACHINES REPAIRED AS NEEDED — CLEANED & PAINTED.

WE BUY USED EQUIPMENT

WE ARE A DEALER FOR CUSTOM TRAILERS

BACKHOE LOADERS

Case 580B 1975 w/cab	$15,500
Case 580B	$11,500
Case 580 Dsl.	$9000
Case Backhoe Loader	$4500
Cabot Hyd Excavator Det Dsl.	$8500
JD 400 Backhoe/Loader w/3 pt PTO, overhauled	$9400
JD 400 Dsl. excellent & overhauled	$9000
Ford 4500 w/ROPS	$9500
Ford Backhoe	$5400
Ford Backhoe	$5200

CRAWLER DOZERS

Cat 46A real clean	$42,000
Cat D4 40A Good	$11,500
Cat D7, Hyd. Blade	$7500
Cat D8 2U Cable	$8500
Cat D6, hyd.	$6500
Letourneau pull pan	$1600
JD 350 6-way angle Blade New Undercarriage	$9000
JD 1010 Dsl. w/winch	$5000

CRAWLER LOADERS

(2) IH 175 4 in 1 bucket, clean	$10,500
JD 450B	$16,500
JD 450 Sharp	$12,000
JD 450 w/ROPS, good	$12,000
Cat 955H 60A	$10,000
IH TD6, 4-in-1 bucket, excellent cond.	$8500
IH T340 Dsl. 4-in1 Bucket w/ripper	$7000
Cat 977K w/ripper & cab Good	$24,500
AC HD7G	$6500
AC HD5	$4200
AC HD5	$3450
Case 1150 4-in-1 bucket	$7500

AIR COMPRESSORS

LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O.H.	$3000

ROLLERS

Fordlane Paver, ex cond	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 Ton Roller	$1000
1 to 3 Ton Vibra - Pac	$2800
3 to 5 Ton Tandem	$4500

SKID STEER LOADERS

JD 24	$4800

GRADERS

Huber Wargo Dsl. w/Cab	$5000
Galion 118 Dsl. w/cab	$6500

TRAILERS

1979 CMI Folding Hydr Gooseneck 30 ton	$29,500
9 Ton Tag-Along	$1400
9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S.A.	$3500
25 Ton Gooseneck Tandem Axle Double Drop	$5500
Approx 1½ Ton Tandem Axle Tilt Trailer w/winch	$1200
4 Horse Imperial Deluxe	$2800
1 Ton Roller Trailer	$800
New Trailers - All sizes and prices Call	

TRUCKS

1975 Dodge ¾ ton 4x4 clean	$3500
1974 Doge Tri-Axle Dump Dsl. 175,000 Miles Left on Engine Warranty, good	$17,500
1965 Int. Dump S.A.	$3200
1956 White 18' bed S A.	$1800
1967 GMC ¾ ton w/utility box	$800
1970 Chevy w/20' bed S.A.	$2500
1975 Plymouth Fury 6 cyl.	$2000
1973 Buick Riviera	$1500
1969 Ford sgl. axle dump, good	$6900
1965 Ford ¾ Ton	$450
Int. Tandem Axle Dump	$4250

WHEEL LOADERS

AC TL16 Diesel	$7500
Hough 70, 4x4 3 to 4 yd. good	$14,500
Hough 30, 1 yd. good	$3500

MISCELLANEOUS

MF 180 Tractor	$5250
Ford Corn Planter 2 Row 3 pt Ex.	$450
16' Dump Box excellent	$2650
5 ft. Rotary Cutter	$465
Pavement Breaker 90 lb.	$350
3 pt Landscape Box	$375
Assorted Loader Buckets	
6 ft. Angle Scraper Blade 3 pt	$175
16 h p. Bolens Riding Tractor w/mower excellent	$1850
Myers Snow Plows Electric/Hydraulic/Angle	$1000
17' Dico BlockUnloader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000
Davis Trencher 300+	$3000

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

NEW EQUIPMENT

New Tractors
JD 4440 Quad, PS, S-guard
JD 4240, Quad, S-guard
JD 4240 w/PS & S-guard
JD 950
JD 850

USED COMBINES
JD 7700 w/14' plat
JD 6600 w/443 4 RN corn head
Massey 300 w/cab & 13' platform, 3 RW head
708 NI power unit, like new w/hydrostatic cab & air

NEW FORAGE HARVESTERS
JD 3960 w/3 RC & hay pickup
JD 3940 w/2 RC & hay pickup

USED CORN PLANTERS
JD 1240 4R plateless w/dry fert & insect att
Ford 309 4R plateless w/dry fert & insect att
JD 7000 6 RN plateless w/dry fert & insect att
JD 4[illegible] 4 RN planter
Oliver 4 row plate type w/dry fert att

USED TRACTORS
JD 3010 RU gas w/46A loader
(2) JD 3020 diesels
JD 2520 gas
JD 2940
JD 2840
JD 2640 HU D, hi-lo
JD 2440 HU D, hi-lo
JD 2630 HU diesel
JD 2010 gas RC
IHC 656 diesel hydro, exc
Massey 65 w/loader

USED HARVESTERS & HAY TOOLS
JD 16A flail chopper
JD 15A flail chopper
JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach
JD 336 baler
JD 24T baler

USED DISC HARROWS
JD BWF 14' disc harrow
JD AW 15' disc harrow
JD KBA 28 disc harrow
JD KBA 24 disc harrow
JD 220, 17'1"
JD F950 12' roller harrow

SPECIAL PRICES ON NEW IDEA 206 GROUND DRIVE SPREADERS NOW IN STOCK FOR IMMEDIATE DELIVERY

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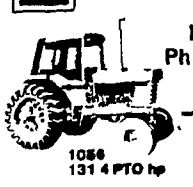
Ph: 717-993-2511
Red Lion, York, Brogue, Loganville
Ph 246-1972 Residence 301-452-8693
after 6 P.M.



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IH 475 disc, 7½' SOLD lacing, 22" blades, hyd. cyl. & hoses, 17' 5" wing type, **$6800!** IH 720 plow 5 x 20", auto. reset, trash plates, **$6400!** IH 720 plow 5x18" auto. reset, hillside hitch, steel trash plates, **$6400!** IH 510 plow, 3 btm. SOLD mi-mtd., **$2550!**

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1420 Combine
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All Combines Finance & Warranty Waiver Until 9-1-81
(2) 986 Farmalls-new models-cab, air, diff lock, old price
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(2) 484 Utility
84 hydro row crop
584 row crop

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- Bobcat 610

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IH 990 Mower Conditioner, 7'
IH 7' 990 Mower Conditioner
NH 469 Haybine
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IH 105 cub cadet w/hydrostatic, snow blade, mower, nice
Moline drill, 16x7, combination, nice
990 Mow-Cond, nice
470 wing disc 17'5"
Oliver 18' wing disc
IH 470 12' disc
JD 14' rotary mower
IH 56 blower, nice
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NH Super 717 1 row corn hd, hay pick-up
JD 2510 gas tractor
B 414 diesel, 3 pt, overhauled, nice
NI 213 spreader, new web
Super C w/cultivators, belt pulley
IH 2400A tractor w/6 way blade, ideal for snow removal
IH 4-Row cyclo no-till planter, nice
IH 449 planter, 4-row, nice, good cond.
IH 56 plant[SOLD]le disc, gandys, 4-row [SOLD], exc. cond
MF 4-row planters, 50 acres
JD 34 harvester, 1 row head

FARM EQUIPMENT

NEW TRACTORS

1-JD 850, 2 wheel drive	$5000
1-JD 950, 2 wheel drive	$5800
1-JD 2940	
1-JD 4040	
1-JD 4240	

NEW MACHINERY

1 - Century 300 gal. sprayer	$1700
1 - JD 660 Spreader	
2 - JD 680 Spreaders	
JD 2420 Windrower Diesel	
JD 1380 Mower Conditioner	
JD 1207 Mower Conditioner	$4800
JD 1209 Mower Conditioner	$5400
JD 950 12' Roller Harrow	$4100
JD 950 15' Roller Harrow	$5100

Several model 2600 & 2800 plows, 3 bottom, 4 bottom & 5 bottom, 16" & 18"

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IHC 100 Hydro Tractor 1974, motor overhauled & hydro	$15,000
Kubota Tractor w/backhoe and loader	$6500
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JD 7000 Planter, 6-row narrow	$7995
IHC 400 4R Planter	$3500
IHC 400 6R Planter	$3500
NH 271 Baler	$975
Oliver 520 Baler & Thrower	$975
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IHC 470 Disk 20 ft.	$1500
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AC 7000 Tractor
AC 175 Tractor
AC 185 Diesel Tractor
NI 290 mow/ditioner
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NI 213 Spreader
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AC 150 Farm Loader to fit AC D15 Tractor

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Used 16' Badger ring drive silo unloader, complete, only used 2½ yrs, less motor & winch only $1395 717-272-0871 Marvin J Horst Dairy, 1950 S 5th Ave, Lebanon, Pa

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FREE - Hockessin, Del area, barn - dismantled and completely removed by April 30, 1981, hand hewn timbers, pegged, boards in fair condition, Call 302-239-7735 Mon-Thurs after 7 p m

3x4's, 4x4's, 4x6's, 6x8's, barn siding 11x22 slate, 717-653-1728

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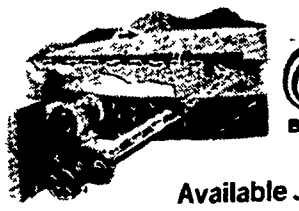
SPECIAL SALE ON LAIDIG JR. GRAIN UNLOADERS



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Available June 1, 1981

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~~$6,840~~ List Price **$6,540** Special Price
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There has been overwhelming interest in this new conversion model. We have ordered several in advance but you should call us today to reserve one for installation later this summer.

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Premium Quality at Regular Price
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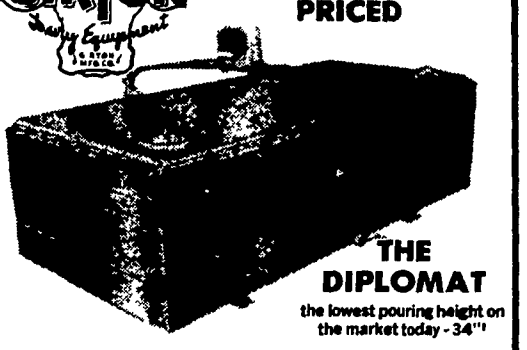

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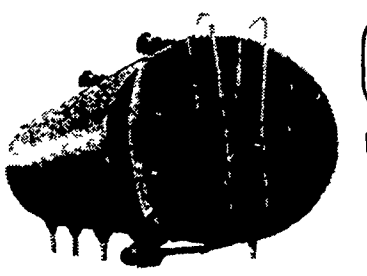

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June is dairy month

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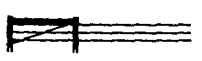

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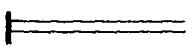
We have professionally trained contractors throughout PA, MD & WV Willing to go anywhere for larger jobs



We Sell MAX-TEN 200 Wire, Koppers pressure creosote posts, New Zealand fence supplies, Super-powered electric fences and insulators, Fibermax posts, Post drivers, 12 Volt chain saws and one-man auger diggers

USED GRAIN DRYERS

(1) M&W 450 (450 BPH)
(2) M&W 650 (600 BPH)
(1) MC 400E (150 BPH)
All of these dryers in operation condition, and either electric motor or PTO drive.

LOUCKS GRAIN EQUIPMENT, INC.
717-755-2868

LIVESTOCK EQUIPMENT & SUPPLIES

For Sale - Calf Kennels and Hutches, Kennel is a 8'x16' plus 3' overhang with 4 individual pens White baked enamel roof Exterior sideing Hay feeders, feed trough, bucket rack included Painted green or red Samuel M Stoltzfus RD #1, Box 331, Christiana, Pa 17509 Lower Valley Road

For Sale - Feeding equipment Special low sales price New 80' - 10" cycling feeder, used 200 bushel Wa-Ro-Matic roller mill & 110' - 16" belt conveyor (demo). 717-354-4051

TAPERED BOARD FEEDERS, double chain, wooden conveyors, custom built, since 1965, for cattle and hog feeding systems Glasbord trough liners, 4x40, cut to length Martin Rissler, Stevens, Pa. 215-267-2244

Wood Shavings Are Best!
Processed and Packaged by
Eastern Wood Fibers, Inc.
8294 Dorsey Run Rd
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DRY WOODSHAVING & SAWDUST

1000 cu. ft. loads
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FOR SALE SAWDUST & SHAVINGS
Bags & Bulk
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Medford, NJ
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FOR SALE
William Beam's Baled Wood Shavings

Kiln dried, 3.25 cu ft. bales. Sold by the bale or truckload.
You pickup or we deliver.
Morgantown, PA
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LIVESTOCK EQUIPMENT & SUPPLIES

For Sale - Portable Paul Scale, mineral feeders, portable feed bins, manure spreader, portable fence panels, etc 717-656-7700

For Sale - 100 veal calf pens, 2 Vent-o-matic fans, one formula mixer. 215-267-5982

LIVESTOCK EQUIPMENT & SUPPLIES

Kencove high tensile supplies - fence erection Max-Ten® wire, KOPPERS, posts, super energizers, fencing tools -- literature up to 15% discount program We have a Dillsburg Distribution Center 412-459-8991 or PA-800-442-6823, 800-245-6902

FOR SALE

36'x120' pole barn setup as hog finishing house, 2½ years old, completely automatic

Contains
(15) feeders, (15) 1½" pipe gates and partitions (240) 10 ft. slats (1) 21 ton Read feed bin, medicator, 1250 gallon liquid spreader, 120' long Flex auger.

Will sell building with contents or sell contents separate.

For More Information Call
215-689-5165

WOOD SHAVINGS

- ★ Bagged, kiln dry shavings for poultry and livestock
- ★ Giant 5.4 cubic foot baled pine shavings
- ★ Bulk shavings and sawdust for dairy and horses
- ★ Delivery and spreading service for poultry and turkey houses
- ★ Check our prices

DENVER WOOD PRODUCTS
403 S. Custer Ave.
New Holland, PA 17557
Telephone: (717) 354-4174

For Sale
CALF KENNELS

Kennel is a 8'x16' plus 3' overhang with 4 individual pens. White Baked enamel roof, Exterior siding, Hay feeders, feed troughs; Bucket racks included. Is on treated skids. Painted green or red, also other sizes available.

Also available with slatted floors; also single calf hutches with metal roof & feeders.

Cooperville Woodwork
Enos B. Stoltzfus, Prop.
Christiana R.D. 1
Box 331 17509
Lower Valley Road

(KW) Fully Automatic CATTLE HEAD GATE

Now treating cattle is simple and easy Can be adjusted for large or small animals one man operation

DEALER INQUIRIES INVITED

ZIMMERMAN'S ANIMAL HEALTH SUPPLIES
3 Miles West of Ephrata
RD4 Box 140,
Lititz, Pa. 17543
Phone 717-738-4241

LIVESTOCK EQUIPMENT & SUPPLIES

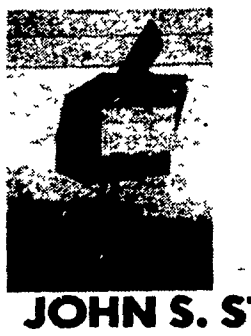
LIVESTOCK EQUIPMENT & SUPPLIES

For Sale
SAWDUST & SHAVINGS MIXED

Fresh cut or cured
Bulk loads 12-14 ton dumped or 16-18 ton conveyed.
Call between 6-8 a.m. or 5-9 p.m.

J. Scott Bowersox
RD 1 Liverpool, PA
717-444-3034

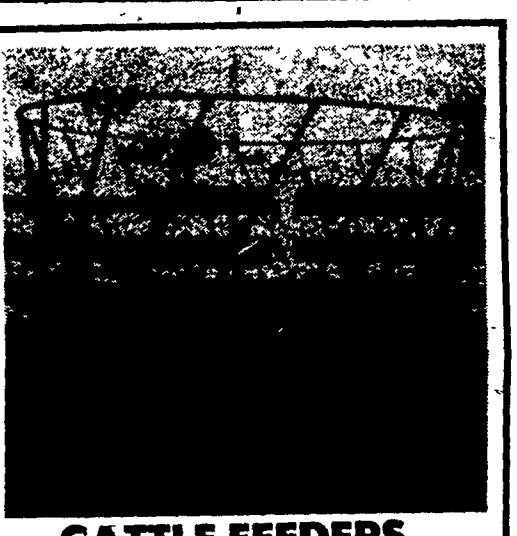
MINERAL FEEDERS



All wood box, 18"x28" with 16 ga. steel top.
2 compartments, oiler for face flies, heavy all pipe, stand, swivels full 360°

$165.00

JOHN S. STOLTZFUS
325 Beechdale Rd.
Bird-in-Hand, Pa. 17505
First Farm on Beechdale Rd. off Rt. 340



CATTLE FEEDERS
$200.00
or $210 delivered w/in 30 mi.
17 hd. capacity.

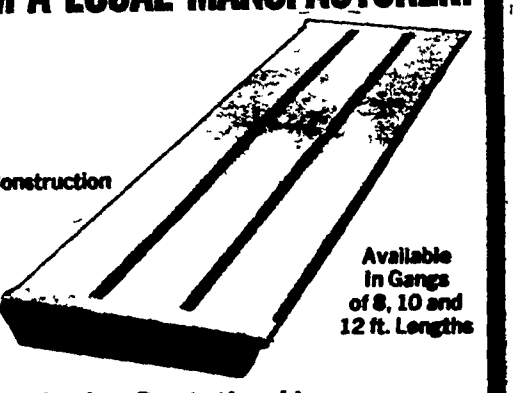
Suitable for round bales or square bales, grain or silage. 5/8 exterior plywood flooring.

For delivery please call
Claude W. Charles
717-656-9381

AMOS S. STOLTZFUS
Bird-In-Hand, Pa. Box 515
1 mile North of Bird-in-Hand on Beech Dale Road

YOU CAN GET QUALITY PRE-CAST CONCRETE HOG SLATS FROM A LOCAL MANUFACTURER!

- Low Cost - Long Life
- Smooth, Rounded Edges
- Center Beam
- Light Crown
- Uniform Spacing
- Easy Installation
- High Strength Reinforced Construction
- Easy On Animals' Feet
- Prevents Movement From Side Loads
- Slats Stay Drier
- Easy Cleaning



Available in Gangs of 8, 10 and 12 ft. Lengths

Now Available:
Concrete Troughs for Gestation Houses,
Cattle Slats, Cattle Feed Troughs - H&J Bunks

AgriConcrete Products, Inc.
RD #2 Box 147B, Middleburg, Pa. 17842
(717) 837-3443 or 649-5321

CATTLE

FOR SALE
One Herd Grade
HOLSTEIN COWS
52 head

48 milking making over 2400 lbs. per day, avg. over 50 lbs. per cow.

All home raised and vaccinated, Avg. age 5 years

Fresh Cows
Summer and Fall Cows
Some should be drying off

These cows had no silage.
For more information Call
717-393-0930

7 open Holstein heifers, calfhood vaccinated, artificially sired, dams milking up to 90 lbs, ready to put in pasture Call 301-358-0416

Wanted - Herd of dairy cows or heifers, 301-358-0412

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394-3047 or 717-626-1164

Registered Holstein bull, 1 yr old 1-16-81, Dam top cow, last record 326d 23,000M 996F, Maternal sister almost as good, over 950F 301-348-5640.

For Sale - 15 Holstein springing heifers, several Registered. 301-358-0412 after 8 P M

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

For Sale - Large choice Holstein heifers, bred & open, over 350 or choose from Harmony Dale Farms, Phillipsburg, NJ. 201-859-2616

For Sale - 25 young Holstein cows, 1st to 3rd calf, A1 breeding, herd average over 17,000 lb milk, also bred heifers Call 301-578-1224.

For Sale - Guernsey, fresh, 2nd calf, very gentle $900 201-782-4802

4 yr old polled Hereford bull Sire-Vindicator. Registered, performance data 717-248-7666

For Sale - Nine Holstein heifers, registered and grade, some milking 70 pounds, out of top bull 717-864-3729

For Sale - Registered Angus heifers, 1 & 2 yr olds, reasonable Call eves 215-935-9223

Wanted - Small herd Holsteins, preferably Registered DHIA 15,000 milk. Evan Maust 814-662-2866

For Sale - Service age bull, sire Jemini, Dam VG Kingpin with 24,000M & 850F, over 200,000 lifetime & still producing, $950 Juniata Co 717-535-5815

Wanted to Buy - Quality heifer calves, grade or Registered 717-529-6757

For Sale - 4 Registered Black Angus bulls - Marshall Breeding - Modern kind, ready to go Berks Co. 215-689-9168

For Sale - Registered polled Hereford bull, 3½ yr Health certified $800, Call 717-642-5180

For Sale - 6 purebred vaccinated heifers, due Aug & Sept. sired by unit bulls, bred to son of Elevation, 717-292-2750

Charolais bull yearling $650 717-529-6330

CATTLE

Grade Guernsey heifer, 450 lbs, vaccinated, AI sired, dehorned, tame, good buy at $400 717-656 6169

For Sale - 2 yr old Holstein freshened heifer, milking good 717-438-3280 Lancaster Co

For Sale - Registered Guernsey bull, ready for heavy service. Son of Maverick, Dam classified VG with 15,437 milk, 727 fat 215-766-8707

For Sale - Eager Registered Holstein bull, was 1 yr old 2 25-81 Dam Pinta Lane Tippy Eelle, Sire Straight-Pine Elevation Pete 215 932-8173

For Sale - Purebred black Angus bull with papers, 1500 lb 717-428 2482 after 7 P M

For Sale - 2 yr Registered Holstein bull, sire Astronaut, dam 86 pt Elevation, projected 20,433 749, G'dam 89 pt 365 21,210 3 8 831 $800, 609-758-8942 NJ

Beef Cows, Registered Herefords, Grade Herefords and Charolais, registered and grade bulls, also feeder heifers, 717-334-7005

For Sale - Four 8 month old BWF heifers by large frame registered Angus bulls out of Simmental-Hereford cross cows Calfhood vaccinated and wormed twice $400 00 each. Call 717-529-2729

Beef cattle, 17 cows with calves, purebred Simmental bull, open heifers and steers by the head or lb 717-528-8259

For Sale - Registered bull, 10 mo. old, sired by Cumva Proud Performer Dam EX with 7 records over 20,000m 717-768 3811

For Sale - herd of reg Jersey cows, mostly 1st and 2nd calf with 2 yr old records of over 14,000M actual plus proven sires, also carrying service to plus proven sires Will consider dividing. Silver Maple Jersey Farm 301-865 5842

5 Black Angus cows, 4 with 1st yr calf at side, 1 heifer to calf in August, all reg Black Angus 717-755 9625

For Sale - Purebred Simmental bull, Langdon's Gordon, 23 mos old, first crop 100% guaranteed fertile Bull & calves can be seen at The Silk Farm, Centreville, MD, Mrs Harry Duffey 301-758-1730

For Sale - 40 Holstein heifers, dehorned, all shots, ready to put out on grass 301-833-3283

FOR SALE - 10 BLACK CROSS BRED ANGUS-BASE HEIFERS READY TO BREED WORMED, DE-LICED, VACCINATED, IBR, BVD, PL3, LEPTO & VIBRIO SHOTS PRICED AT 10 CENTS PER LB ABOVE MARKET PRICE. DAUPHIN CO, PA (717) 944-1346

For Sale - 5 purebred, Grade, Holstein heifers, 2 recently fresh, 5 near freshening 215-766-8934

For Sale - 25 feeder heifers, Ph. 215-287-7878

For Sale - 25 Hereford, Angus, Charolais feeder cattle, 800 lb 65 cents 40-45 lb feeder pigs $27. Fertilizer, seed corn, soybeans, 717-444-3968

CATTLE

For Sale - 2 grade Holstein Springing heifers due June and Sept 717-285-3280

Beautiful Holstein Calves, 20-7 months old, vaccinated, wormed, dehorned $525 Call evenings except Mondays and Thursdays 814-894-2755

For Sale - 9 choice 450 lb. Angus steer calves, acclamated 717 665-4743

For Sale - Polled Hereford bull, 13 months old, weighs 1100 lbs, good disposition, halter broke 717-334 1903

For Sale - 17 Registered and grade Holstein bred heifers; due Sept Eastern sires, reasonable price 717-687-7260, or 687-8893

Need help to finance herd of 25 or 30 cows Will pay top interest and make payment direct from milk company Send Replies to Box 366 J-171, c/o Lancaster Farming, Lititz, Pa 17543

Charolais Cattle For Sale - Shan-Gri-La- Farm, RD1, Box 12A, Rt 40, Elmer, N J 08318 (609) 358-8507

For Sale - 5 Holstein Brown Swiss cross breed heifers Two very nice Brown Swiss heifers 717-665-4743

One Purebred springing Holstein heifer, no papers, Best offer 215-593-5562

For Sale - 2 yr old Registered Charolais bull, $1000 Fleetwood, Pa 215-944-8464

For Sale - Charolais Hereford bull, approx 700-800 lbs 215-756 6523

Beef cows with calves, cows mostly Angus cross, calves all 50% or higher Limousin, heifers can be registered, 717-766-9812, 766-2954

For Sale - 8 Young cows and calves, Angus and Chianina cross, must sell, no pasture, eves. 5-10 717-637-0192

4 Holstein Heifers, ready to calve Will trade on smaller heifers, 215-593-5665

For Sale - 7 first calf grade Holstein heifers due July & August Average weight 1200 lbs, $1050 a piece Sunnyhill Farm, 717-564-3740, Harrisburg, Pa

For Sale - ear corn & feeder steers 717-263-9091

For Sale 40 Holstein heifers just bred, 60 heifers to breed this fall, dehorned, calfhood vaccinated, $500 or sell separate 703-382-3071

For Sle - Herd of 175 ID grade Holstein cows, over 15,000 lb Milk, young herd, well bred, will sell on installment with additional security Please write Box R-55 Lancaster Farming, Lititz, PA 17543

Wanted to Buy - Holstein heifers, any size, any amount 717-865 3488 Lebanon Co

For Sale - Registered Polled Hereford Yearling Bulls and Heifers, certified and accredited Herd 215-298-2076

For Sale - Service age Holstein bulls, Astronaut Granddam 15,000 to 19,000M, TB and blood test, good for heifers or cows, David S. Esh, 25 Spring Rd, Leola, PA 17540

CATTLE

Reg Holstein heifers, to freshen June through November, large size, AI sired, calfhood vaccinated, health charts furnished 717-229 2055 around noon

I am an order buyer and trucker of feeder cattle, have many satisfied customers in your area, if interested in ordering cattle call collect 703-465-5785 between 8-10 p m

Registered Holstein bulls, 1 year old and younger Out of dams with records to 24,000 milk and 900 fat Stump Acres 717-792-3216 York County

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf Fresh and close springers Cash, or credit with down payment Specialize in selecting cows for customers Free delivery Call collect Reuben Greenberg, Inc, Columbus, New Jersey 08022 Phone 609-298-1021"

For Sale - Service age Holstein bulls Dams classified VG with records to over 24,000M & 1,000F John Stump, Bernville, Pa Ph 215-488-1965

Wanted - Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price Don't sell until you call me Call collect Reuben Greenberg, Inc, Columbus, NJ 609-298 1021

CHAROLAIS

Crossbreed with one of my Purebred, performance tested bulls to produce the larger framed, higher cutting cattle required for modern quality lean beef production. Charolais since 1961. Delivery available.

John W. Stump
Clermont Mill Road
Street (Harford Co.)
Maryland 21154
301-836-1020

CATTLE

CATTLE TRIMMING
NY - NJ - PA
Tri-State Area
AL DENNINGER
914-856-3400

ATTENTION FARMERS
Wanted to Buy
Hurt, Disabled, Down Cattle and/or Hogs
HOSTETTER'S LIVESTOCK SERVICE
On the spot payment when possible
Pick-up area unlimited and prompt pick-up
Call (717) 949-2209 or
(717) 949-3205
All animals slaughtered under federal inspection

ANGUS CATTLE FOR SALE
Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
1726 FARM
Lebanon, N.J. 08833
201-832-5324
201-832-7944

HORSES & MULES

Percheron stud service, Jacob Zook, 4021A Old Phila Pk Gordonville, 2 mile E of Intercourse, 340

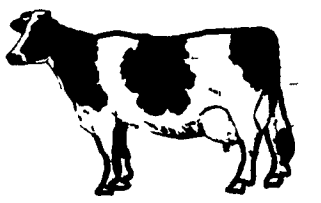
For Sale - 1 pair gray work horses, broke, good workers, buy one or 2 David S Smucker, Rd 2, Box 176, East Earl, PA 17519, Lancaster Co, 2 miles north of Churchtown

CATTLE

QUALITY ANGUS CATTLE For Sale
2 yr old bulls, yearling bull, spring calving cows and heifers. Top bloodlines represented.
Glenair Farms
Rt. 3
Elizabethtown, PA
717-367-1552 days
717-367-2174 evenings

2 PERFORMANCE TESTED LARGE FRAMED ANGUS BULLS
2nd Highest Yearling Angus in Maryland Bull Test
Weight Per Day of Age
3 lbs.
Adj. 365 Day Weight 1131 lbs.
$1000-$1700
J.P. Archer, Darlington, Md.
Harford Co.
301-836-3748

CANADIAN HOLSTEIN DAIRY CALVES FOR SALE
300 to 400 Pounds



Please Contact:
Jean-Guy, Guy or Pierre Trudeau
Ste. Julie — Quebec
514-649-1122 or 1110

TOP QUALITY BULLS FOR SALE
MAPLEBOUND FARM
DONALD M. HOSTETTER, OWNER
PARKESBURG, PA 19365 Phone No. 215-857-9648

Dam of Bull	Bulls for Sale	Birth Date	Sire of Bull
Maplebound Pac Brenda VG-86	Maplebound Brandon	9-3-80	Glen-Valley Star
Maplebound Pac Brenda VG-86	Maplebound Star Brad	8-11-79	Glen-Valley Star
Maplebound Farmer Sparkie VG-86	Maplebound Star Sparks	2-9-80	Glen-Valley Star
Maplebound Leader Karen VG-86	Maplebound Starlite King	10-2-79	Life-O-Riley Marquis King
Mar-Rock Martha Charm VG-88	Maplebound Classey	7-4-80	Roy Brook Starlite
Maplebound Tippy Beauty	Maplebound Star Barry	6-11-80	Glen Valley Star
Wible Farm Glendell Mina GP-81 Mina was sold for $13,000 and will score higher next time	Wible Farm Master	3-16-80	Wible Farm Prince
Maplebound Astroanut Frankie VG-86	Maplebound Frank	4-21-80	Glen Valley Star
Wea-land Ivanhoe Star Bee GP-83	Maplebound Star Bert	6-24-80	Life-O-Riley
Maplebound Gay Ideal Roma GP-80 Next dam is EX-90 with 31,000 lb milk	Maplebound Royalty	8-11-80	Quality Ultimate
Maplebound Peachum Ideal VG-87 Next dam is EX-92 with 23,000 lb. milk and a 4.4 test. She was 1st place dry aged cow at state show	Maplebound Astronaut Ira	8-31-80	Paclamar Astronaut

Just to mention a few bulls we have for sale. In all we have about 25 bulls of different ages. We are running a discount on bulls sold this month. $100 off on bulls purchased the month of May. Anyone finding a buyer for a bull with receive a $25 check.

REGISTERED HOLSTEIN BULLS
Ready for Service
All home raised on our farms
Sired by popular AI sires
Many from high record dams
75 head to select from
STAR ROCK FARMS
John Barley
717-872-4058

HORSES & MULES

Beautiful registered quarter horse mare, chestnut, 5 yr old, very gentle, show or pleasure deluxe, champion bloodlines, 814-445-6358

Notice Registered American Saddlebred Stud Service, sorrel with white markings, real fancy $10 00 down, $40 00 with live colt Driving horses For Sale Isaac S Zook, South of Intercourse

AT Stud Indian Run King, Registered Morgan, Joseph Esh, 2151 Forry Rd, Lancaster, PA 17601

QH gelding 15.3h. Red Dun 7 yrs Sire. Poco Shade Shown English & western. Child safe 814-364-1338

Thoroughbred horses, young, sound, attractive, registered, best offer. 717-358-3129.

Appaloosa 2 yr. old registered stallion, white with bay spots over body, hips, star, stripes and snip, 215-679-4387

54" mule, rides, drives, works single or double, priced to sell 301-452-8509

Horse - Palamino Stallion, 3 yr old, green broke, 717-397-1710

For Sale - 3 Appaloosa horses, 2 geldings, (1) 2 yr. old filly, 1 Belgian mare 814-784-5755

Beautiful registered Leopard Appoosa stallion, 6 yr old, very gentle, show prospect, champion bloodlines, will sell or trade for equal value 814-445-6358

Wanted - Tennessee walking horse, must be gentle 215-696-8259 Chester Co

For Sale - Registered Apaloosa stud service, discount for Grade mares 301-778-5640 Chestertown, MD

JEN-AIR ACRES

REG. QUARTER HORSES AND PAINTS
Horses For Sale
Stallion Service
R D. 2, Box 179
Berks Co
Bernville, Pa. 19506
215-488-6914

SHEEP & GOATS

50 ewe lambs born Dec-Jan 1981, Dorset and Dorset western cross 717-966-3946

For Sale - Quality replacement lambs. New Crop, Suffolk & Dorset twin lambs Lauden Acres 717-758-2549

Purebred Rambouillet breeding stock for sale. Call 607-334-5431 Berry Hill Farms

Black twin and triplet ram lambs, also black ewes, $100 $150 215-766-7509

For Sale - Selected ewe lambs, Suffolk, Dorset, Hampshire, Western crosses, twins, growthy, born Jan-March $60-80 Longenecker 717-653-5675

265 head 2 yr old Western ewes, lambed twice, 125%-135% lamb crop Must sell. $90 per head. 814-733-4892

For Sale - 62 1 & 2 yr. old ewes, Dorset, Suffolk and Rambouillet crosses, proven good mothers, Sussex, NJ 201-875-5035

1 Suffolk Ram, registered with papers, 3 yr old, Lancaster Co 717-354-7743

For Sale - 9 reg Suffolk yearling ewes, 45 reg. Suffolk ewes, 15 reg. Rambouillet yearling ewes, 40 reg Rambouillet ewes. Call evenings 717-247-2721

SHEEP & GOATS

WOOL

Buying Wool, any quality fleeces need not be tied.

West Earl Woolen Mill
R#2 Ephrata, Pa. 17522
717-859-2241

ANNUAL SHIPMENT OF YEARLING EWES ARRIVING EARLY PART OF MAY

318 head of exceptional straight Rambouillets from New Mexico $120 00 per head

One load of good quality straight Rambouillets from Texas, $115 00 per head

900 head of Blackface crossbreds - Rambouillet - Suffolk crosses, $105 00 to $115 00 per head

40 head of registered yearling Suffolk rams, $300 00 per head

These are all high quality yearlings guaranteed to be free from foot rot They will be treated for internal and external parasites upon arrival at our pens For more information contact

HESS SHEEP CO.
Box 100
Barboursville, Va. 22923
703-832-2098

Dorset & Corriedale ewes For Sale 717-927-6613

For Sale - Sheep, 25 Suffolk, 814-667-3394

For Sale - 50 Suffolk yearling ewes, Lancaster Co 717-687 8240

For Sale - 6 registered Southdown ewes, 2 yr old, with or without lambs, 717-548-2559

Corriedales for small flock or flock improvement, exceptional size, wool, productivity, Mary Blanchard, York Co 717-927-9232

Dairy Goats, Registered Toggenburgs, milkers, bred yearlings, doe kids, bucks, classified and DHIA last test average 9 4 lb 3 5 %, top bloodlines, priced $75-$350 much below real value. R D 1, Box 113A, Kintnersville, PA 215-847-2403

SWINE

For Sale
Duroc and Landrace Boars
from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters Crossbred litters maintain a 9 plus weaning average over 400 litters per year
Dutch Valley Farm
Rd 5, Box 428
Manheim, PA 17545
717-665-6220 Mark
717-665-2588 John

Wanted - Disease free feeder pigs, large or small quantities, price negotiable Call Jim E. 215-723-6001

Registered Yorkshire Boars Bred Gilts and open Gilts. Will deliver. **Red Run Farm**; RD #2, East Berlin, Penna 17316 717-292-4634. York Co

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, R2, Strasburg, Pa. 717-786-2562

For Sale - Durocs Service Age Boars, excellent western bloodlines, aggressive and sound, delivery available. Rick Plautz, RD #1 Stevens, Pa 215-267-3739

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
(delivery available)
BOURBON SPRINGS FARM
R2 Newville, Pa 17241
Kenneth Ketterer
Phone 717-423-6250

SHEEP & GOATS

Several Registered Alpine milkers & weaned or baby kids, all dehorned & tame, reasonable, Chestertown, MD 301-778-5640

SWINE

For Sale - Feeder Pigs We aim to please 304-586-2823

SERVICE AGE BOARS Straight Irish or other foreign bloodlines No U S breeding in our herd. Reno H Thomas, Brooks End Farm, Beavertown, Pa 17813 Phone. 717-658-5821

Registered Hampshire, Yorshire, Landrace Boars and Bred gilts, Preston Bankert, Rd 3, Red Lion, PA 717 244-1244

If you have swine to sell or buy - check our swine column It is read weekly by thousands 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions Daily drive-in and drive-out service Reno H Thomas, Beavertown, PA 17813 717-658-5821

For Sale - Registered Purebred duroc breeding stock, delivery can be arranged, Call 717-733-2310 W.F. Ruoss, 126 Irene Ave., Ephrata, PA 17522

For Sale - Purebred Spotted boars & gilts. Satisfaction Guaranteed Free delivery. Hobart Muller, R D 2, New Oxford, Pa 17350. 717-624-2320

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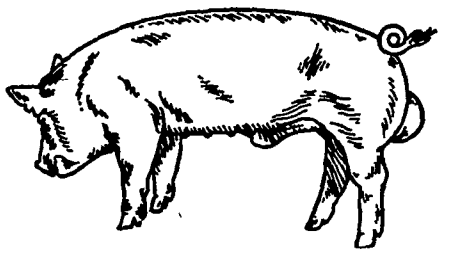

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Person, plain preferred, to straighten up and keep parts in order around farm buildings and machine shop, 4 days a week, pleasant surroundings, transportation provided, must be from Honey Brook to Caines area 215 284-4140 or write Box 552, Coatesville, PA 19320

Wanted - Person to work on farm House provided Call 717-533-2322

Wanted - Cook's helper for small PA Guest ranch, Live in summer employment Chestnut Hill Ranch, Rd , Shinglehouse, PA 16748, 814-698 2400

Working horseman with small family for Thoroughbred brood mare farm in Maryland Excellent situation, new house, references required Box 68, Butler, MD 21023

Wanted - Christian salesman for a growing agricultural machinery dealership, must be agressive & experienced in sales & use of farm machinery Send Resume to P O Box 366 R-54, c/o Lancaster Farming, Lititz, Pa 17543

WANTED

Aggressive self starter needed to fill territory assignment, selling big ticket item.

Don't miss this opportunity to join one of the fastest growing agricultural companies in the state Some farming background helpful.

Write Box 366 L-151 Lancaster Farming Lititz, PA 17543

HELP WANTED

APPLY NOW TO FOLLOW WHEAT & FALL HARVEST

Texas to Montana
Must be single
Farm Experience
Available April thru Nov.

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For Retail Food Store
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HELP WANTED

Full Time Staff Writer For News Department of Lancaster Farming Newspaper.

Send Resume to Box 366, J-168 Lititz, Pa. 17543

COUNTY AGENT, PA COOPERATIVE EXTENSION SERVICE

The Cooperative Extension Service of the Pennsylvania State University has an immediate opening for a County Extension Agent specializing in Agricultural/Livestock in Lancaster County, PA. The position is responsible for the overall planning implementation and evaluation of livestock and agricultural related informal educational programs in the county. Duties include the teaching and dissemination of the latest research results in beef cattle, swine and other livestock related areas to county clinetele. Candidates should possess qualifying requirements to enter either the rank of Assistant, Associate or full Agent along with the possession of teaching, communication, program development and human relations skills. Please submit a letter of application, resume and salary requirements by May 15, 1981 to: W. Wayne Hinish, 323 Agricultural Administration Building, University Park, PA 16802.

The Pennsylvania State University is an Affirmative Action/Equal Opportunity Employer

HELP WANTED

Wanted - Married person to work on 60 cow dairy farm with parlor Must like to milk General farm work Regular time off. Nice house plus utilities, meat & milk provided For more information concerning salary, etc Call or write Ronald W Lentz, 1601 Birch Rd , Lebanon, Pa 17042 717-272-0388

WANTED SALES MANAGER

Aggressive, creative & highly motivated sales manager to manage a selling team who are marketing a concrete-oxygen controlled silage management position Basic responsibility will be to implement our marketing plan with special emphasis on the recruitment & training of salesman Sales management experience is essential A background in animal nutrition helpful Salary commensurate with experience

Send Resume to P.O. Box 366 J-163 Lancaster Farming Lititz, Pa. 17543

TRUCKS & TRAILERS

1975 GMC TE6500 Tilt Cab, 366 V8 5 & 2 speed, 10.00x20 tires, 30,000 GVW w/22" wood and aluminum cattle body, very good condition 717-437-2721

For Sale - 1965 White tractor, 28' flat trailer $2500, call LAUXMONT FARMS, Rd 1, Wrightsville, 717-252-3649 weekdays between 8 30 and 5 p m

1968 Ford ton stake with cattle rack, 4 speed, seling as is $600 717-764-4261

Int R190 10 wheeler, lime & fertilizer spreader, $1750 or best offer. 215-795-2591

RECREATIONAL VEHICLES

Motorcycle and snow blower for sale. Honda 175 $300 20" Jacobson snowblower, jet model 321 like new, 717-927-6613

1972 Honda CB350, good condition $400, 717-456-5302

For Sale - 14 ft aluminum boat with oars, electric motor, life preservers, 1969 Plymouth Station Wagon, 55,542 miles, extra good condition Call 717-626-6479.

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FOR SALE - Feed Mill & Grain Drying facility in Central Montgomery Co Contact Harold Rittenhouse, Harleysville, PA 215-256-6543 or Earl Waltmyer, Collegeville, Pa 215-489-9540

Manager for milking machinery business, aggressive, self-motivating, mechanical ability, interest available, profitable South Jersey, PA, DE, MD area 717-653-5665 evenings

Lanc Co Business in dairy cattle hoof trimming available, complete, will train interested person, 717-393-2639 after 6 p.m

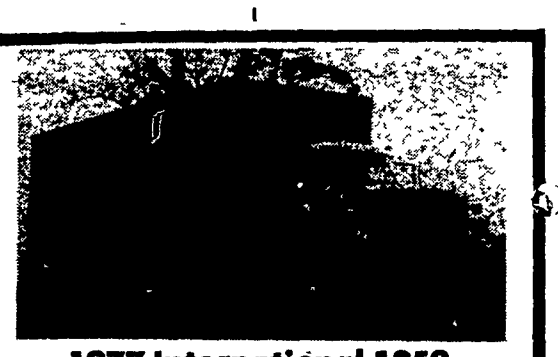
Sale or Lease - Business operating 50 yrs., newly renovated flower shop and display house, also available 2 150'x40' greenhouses S E Chester Co. Principles only 215-696-7380 before 9 a.m. or after 5 p.m.

16 yr old city boy will work on farm in exchange for room and board, 215-782-8368

Service Station/Garage, 4 bays, includes 2 lifts, 2 air compressors, pumps and tanks, large frontage on Main St , approx 1 acre, suitable for used car lot, laundromat, store and many other businesses,, lots of parking, in the 50's Owner will help finance, Delta-York Co , PA 717-456 5949 6 30 a m - 5 30 p m 717-456 5169 5 30 p m - 8 30 p m

SITUATIONS WANTED

10 years experience Couple seeks managerial position on horse farm, Carolyn 215-295-3296



1977 International 1850, 466 Diesel Truck

Eby Aluminum Body, 7' high inside, 25' long.

717-786-7229

1978 COF 4070B Transtar

NTC, big cam 290 Formula, RT 1110 trans., 10x20 AC, Custom interior, sliding fifth, 154" W.B.

Can lengthen wheel base to accommodate dump body.

Phone 717-354-9422

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EXCEPTIONALLY CLEAN AND WELL MAINTAINED

1976 & 1977 CHEVROLET 12' STEP VANS P30

Matched Fleet - 350 V8 engine, 4 speed transmission, dual rear wheels, aluminum bodies, with or without new paint.

1975 FORD 16' CAB & CHASSIS LN700

361 V8 engine, auto. transmission, power steering, AM radio, 9:00x20 tires, 26,000 license

1975 IHC 7½' DUMP BODY 1600

345 V8 engines, 4 speed trans., power steering, 8:25x20 tires, exceptionally clean, transmission overhauled.

1975 IHC 20' VAN W/LG 1750

175 Cat diesel, 5 speed transmission 2 speed rear ps, 9:00x20 tires, 26,000 licence, interior has pipe racks for garments.

1975 FORD 16' CAB & CHASSIS LN7000

175 HP Cat. diesel engine, 5 speed transmission, 2 speed rear, PS, AM radio, dual 50 gal. tanks, and new paint.

1975 CHEVROLET 20' & 22' VANS TE67

with or without lift gates, 366 V8 engine, 5 speed or automatic transmission, power steering, radio, new paint.

USED TRACTORS

1976 PETERBILT TRACTOR 352S86

350 Cummins, 13 speed trans air conditioning, power steering, new paint & recent overhaul, tandem axle diesel sleeper.

USED BODIES

14' ALUMINUM VAN BODY

1974 Morgan, pre-painted aluminum panels, overhead rear door, curb-side door, slatted interior, new paint, with lift gate

14' REFRIGERATED VAN BODY

1975 Duralite aluminum smooth skin, extruded aluminum floor, new paint, XMT20D thermoking unit with electric standby.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

TRUCKS & TRAILERS

1974 Stoltzfus dry lime and fertilizer spreader box for truck, 10', full hyd., air lift boom 215-593-2495 eves

4 RF 200 IH tandem truck, 450 engine, 5 main 3 aux, 12F 34R P S, 106 CA $3000 each, 1 White tandem tractor, V8 gas, 5 main, 2 speed rear, air tandem axle $2000, 2 White tandem dumps, 5 main 3 aux 12F 34R 6 C Y engine $3000 each, John Stapf Corp Harrisburg, PA 717-234-6281

1962 Ford Cattle truck, F350 with dual wheels, good condition 215 267-3983

For Sale - 16' alum Morgan van truck body 717-354-7561

For Sale - 1950 Int truck, cab & chassis, good condition 717-758-8102 between 6 & 9 P M.

1939 Plymouth 4 door sedan, for parts or restorable. 717-582-8343 Perry Co

1968 Diamond Reo tandem, Cummins 250, 15' steel dump $4700 4 237-6080

60 series heavy duty Chevy truck, long wheel base, double frame, 427 engine, power steering, 31,500 GVW, like new, 20' Parkhurst bed with racks and steel head board, rubber 80%, no rust, latest inspection, excellent condition. 717-494-1626

For Sale 1980 Int model 1854, 27,500 GVW, DT466 diesel, 5 & 2, 120 CA, less than 25,000 miles like new 1976 Dodge Maxi Van, 15 passenger, 318, PS, PB, auto 717 437-2247

71 Rogers 35 ton lowboy with Beavertail and 10 00x15 - tires, 703 837-2335, 837-1428

Heavy duty steel truck body, 10' long, 7½' wide with stake pockets, good condition, $500 or best offer 609-358-2447

1975 Ford Van E-150, excellent condition, PS, PB, auto trans, AM/FM stereo 8 track, 300 cu in, 6 cyl customized interior, dual battery system, asking $2300, 717-456-5302

King 4 horse gooseneck trailer with dressing room and sleeping area, very good condition $3900, 717-444-3213

Ford 400 M engine, 1977 complete with standard shift, bell housing, clutch and fly wheel, running condition, $150 717-529-6715

Cattle body, 12' wood with calf box and 8000 lb Warn winch, installed on your truck $2250, J R Opp Co 717-546-3397

For Sale - 1972 ¾ ton International pickup, 30,000 miles, very good condition, $1200 Adams Co 717-528-4889

1,000 gal steel tank trailer outfitted for liquid fertilizer, $1,000 717 528-4343

1974 1800 IHC 24' Swartz power deluxe roll bed, 5/2 trans, air brakes, PS, very good cond, $12,000 Trades accepted
DENNIS M. MILLER EQUIPMENT
Rt 22 Grantville, PA
717-838-1888 anytime
717-469 0937 daily

1965 IH 1800 truck, good condition $750. 301-829-0271

1969 GMC with sprout Walden bulk tank with loader and unloader in rear, 2 1½ ton compartments and 2 3 ton compartments, excellent shape 609-358-7421

1979 GMC ½ ton pickup truck, excellent shape, loaded with equipment including 100 gal storage tank with pump I Hall 609 358-7421

For Sale - 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, $3900 1970 Ford, rebuilt gas engine, single axle, $2900 717-866-4906

4 WHEEL DRIVES

1979 International Scout, 304 V8, A, PS, PB, 20,000 Mi. $5995

1979 Jeep J10 Pickup, 360 V8, A, PS, PB, AM-FM, Sliding Rear Window, White Spoke Wheels, 2 Tone Paint. $5995

1979 Chevy Blazer Cheyenne, V8, Auto., PS, PB, AM-FM. . . $6995

1979 Blazer, 350 V8, 4 Speed, PS, PB, Air Cond., Radio, White Spoke Wheels, 31 gal. fuel tank $6995

1978 Ford Explorer Pickup, 400 V8, Auto., PS, PB, Air Cond., AM-FM Radio Lockout Hubs $5895

1977 Chevy Bonanza Pickup, 400 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel $5495

1976 Ford F100, 360, 4 Speed, PS, Lockout Hubs $3995

Broncos! - 3 to Choose From...1971, 1974, 1976.

VANS

1980 Ford, Long Wheel Base, 6 Cyl., Auto., PS, PB, Radio, Twin Fuel Tanks. $6995

1979 Dodge Sportsman, 5 Pass., V8, Auto., PS, PB, AM-FM, 14,000 Miles, 2 Tone Blue, Like New $6995

1978 Chevy C20, step van, 350 V8, 4 Spd, PS, PB, 12' Body, 6800 GVW, 35,000 miles, excell. cond., all white $5995

1977 Ford F150, Econoline, V8, Auto, PS, PB $3795

1974 Chevy ¾ Ton 5 Pass. Sport Van, 350 V8, Auto., PS, PB, Air Cond., AM-FM 8-Track, 29,000 Orig. Miles, Beautiful Cond. $3995

1973 Dodge 8 Pass., Window Van, 318 V8, Stand. Shift, PS, PB. $3295

PICK UPS

1979 Ford F100 Shortbed Stepside, 351 V8, A, PS, PB, AC, AM-FM & Tape, White Spoke Wheels, Red Truck with White Pin Striping $6295

1979 Chevy C10, 250, 6 Cyl., PS, PB, A, AM-FM Radio, 24,000 Mi., Like New. $5895

1979 Ford F150, 351, V8, Standard Shift, PS, PB, AM Radio $5495

1979 Chevy C10 Cheyenne, 305 V8, Auto., PS, PB, AM Radio, 2 Tone Paint, Cap $5985

1979 Ford F-250 Super Cab, 351 V8, Auto., PS, PB, 2 Tone Paint, AM Radio, 36,000 Miles $6495

1979 Ford F250, V8, Auto., PS, PB, AM Radio. . . . $4995

1978 Chevy C20, 350 V8, 4 Speed, PS, PB, AM Radio, 7100 GVW $4895

1978 Chevy C20, 350 V8, Auto., PS, PB, AM Radio. . . . $4995

1978 Chevy Luv, 4 Cyl., Auto, Air Cond., AM-FM, 7' Bed. . . $4995

1978 Ford F100, 6 Cyl., Stick . . . $4295

1978 Ford F100, 6 Cyl., Auto., PS, PB, AM Radio, Cap, 2 Tone Paint $5495

1977 Dodge D100, 318 V8, A, PS, PB, AC, AM Radio, Adventurer Package. $3995

1977 Dodge 200, V8, Auto., PS, PB, Radio $2995

1977 Chevy C10 Scottsdale, 6 Cyl., St Shift, PS, AM-FM & Tape $4295

1975 Ford F250, 360 V8, 4 Speed, PS, PB, AM Radio, Cap $2895

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1981 SUMMER TRUCK SALE

BAG BULK FEED COMBO UNITS

Stock #101
1969 GMC V-6 engine. Model #5500, GVW 23,000, with 14' Agway open top dump body Cross auger and direct drive blower.
Price - $4,900

Stock #102
1969 GMC V-6 engine Model #5500. GVW 20,000, with 12' Agway open top dump body. Cross auger and direct drive blower.
Price - $4,700.

COMPLETE BULK UNIT

Stock #105 - 1969 Reo Diamond with 18' Sprout body. 238 Detroit diesel. 5 compartments. New PA inspection. Must be seen to appreciate this low price. $15,900.

BAG TRUCK & BED

Stock #106
1974 Dodge 350 with 12' stake bed, 11,000 GVW. Price - $800.

Stock #107
22 ft. Morgan flatbed Ideal body for hay hauling.
Price - $650.

Contact - Jack Conrad - Owner or Dick Shultz - Sales

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717-626-4762

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IHC AND GMC LIGHT DUTY AND MEDIUM DUTY GAS AND DIESEL TRUCKS

GMC

STK. #508
½ Ton 6½ Ft. Pickup
6 Cyl. Eng. - 3 Spd. Trans.
Radio - (5) Radial Tires

STK. #022
¾ Ton 8 Ft. Pickup
Small V8 Eng., Auto. Trans.
P/S, P/B, 2 Tone

Stk. #866
1 Ton, 10000 GVW
V8 Eng., 4 Spd. Trans.
Dump, Utility, Stake

1 TON 84 CA C&C
(2) On Hand
V8 Engine, 4 Spd., HD Susp., 750x16 Tires, 12' Van, Stake, Stake Dump

STK. #354
C7D042 C&C (18' Body), Diesel Engine, 5 Spd. Trans. - 2 Spd. Rear, Full Seat, 50 Gal. Step Tank, Tilt Hood

STK. #121
J8C042 C&C (20' Body) CAT Diesel Engine, 5 Spd. Trans., 30,000 GVW, 1000x20 Tires, P/S Radio, Frame Rein.

STK. #135
½ Ton 8 Ft. Pickup
V8 Eng., Auto Trans.
P/S, P/S, Radio

STK. #207
¾ Ton 8 Ft. Pickup
V8 Eng., Auto. Trans.
A/C, P/S, P/B

Stk. #544
1 Ton 9000 GVW
V8 Eng., 4 Spd. Trans.
8 Ft. Utility

STK. #848
C6D042 C&C (16' Body)
Diesel Engine, 5 Spd. Trans. - 2 Spd. Rear, P/S, P/B, 900x12 Tires, 23,160 GVW

STK. #274
J8C042 w/18' Van Body, 6V53T Det. Engine, 5 Spd., 35,000 GVW, 1100x20 Tires, P/S, P/B, Radio

STK. #789
½ Ton 8 Ft Pickup
6 cyl. Eng., 4 Spd. Trans.
P/S, Radio

STK. #412
¾ Ton 8 Ft. Pickup
V8 Eng., 4 Spd. Trans.
R. Step Bumper.

Stk. #589
1 Ton Value Van
V8 Eng., 4 Spd. Trans.
P/S, Full R. Doors

STK. #937
CTD042 C&C (16' Body)
27,500 GVW, 8.2 Diesel, 1000x20 Tires, Frame Rein., Radio, HD Springs.

STK. #274
J8C042 C&C (18' Body), Det. Diesel engine, 5 Spd. Trans. - 2 Spd. Rear, Air Brakes, Frame Rein., Tilt Hood

GMC (Gas)

STK. #949
CTD042 C&C (16' Body)
366 V8 Engine, 27,500 GVW, 5 Spd. Trans. - 2 Spd. Rear 1000x20 Tires, Radio

STK. #935
CTD042 C&C (18' Body)
V8 Gas Engine, 5 Spd. Trans., frame Rein., P/S, HD Cooling, 50 Gal. Tank.

IHC

STK. #656
1754 C&C (16' Body), 9.0 Liter Diesel Engine, P/S, P/B, Color - Green

STK. #841
1854 C&C (16' Body), Diesel Engine, Frame Rein., 26,500 GVW, 1000x20 Tires, Color - Red.

STK. #532
2554 w/HEIL 20 Cu. Yd. Packer, DT 466 Engine, 5 Spd. Trans. - 2 Spd. Rear, P/S, 1100x20 Tires, 35,000 GVW

STK. #371
1754 C&C (16' Body), Diesel Engine, 5 Spd., 23,660 GVW, HD Springs, Color - Green

STK. #510
1854 C&C (18' Body), 180 H P. IH Diesel Engine, 5 Spd. Trans. - 2 Spd. Rear, Color - White

STK. #146
1754 C&C (16' Body), 9.0 Liter Diesel, 900x20 Tires, 5 Spd. Trans. - 2 Spd. Rear, Color - Red

STK. #645
1954 C&C (20' Body), 35,000 GVW, DT466 Engine, 5 Spd. Trans. -2 Spd. Rear, 1100x20 Tires, P/S

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WILL TRADE CAR - PICKUP - TRUCK

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TRUCKS & TRAILERS

For Sale - Ford truck engine, newly rebuilt, 3 core radiator, and rear axle for Ford truck 717-587-4839 after 7 p m

For Sale - Super cab Ford ¾ ton 1977 pickup, 16 MPG, one owner, equipped with electric brakes & fifth wheel trailer hookup 717-299-2688

For Sale - 1978 GMC hay truck, 6500 series, PS, air brakes, 2 speed rear, 427 cu in, 24' bed & rack, 45,000 original miles. 215 869-2336

For Sale 1971 1890 Int 345 V8, 5 & 2 speed, 10:00 x 20 tires, rebuilt engine, will take a 16' body, will sell with or without body 1971 Int tractor, 5 & 2 speed, 10 00 x 20 tires, air brakes 301-877-9889

GMC 6x6 truck, tandem axle, all wheel drive, 90% restored new, sell or trade for freight trailer, 301 774-6583

TRUCKS & TRAILERS

For Sale - 1966 Auto cart dump truck, 220 cummins, engine needs work, 814-766-2733

For Sale - 75 Dodge crew cab pickup with cap, 66,000 miles, good condition $1895, 717-548-2559

1975 GMC 6500 427 engine, air brakes, 20' grain body, 48" sides, low mileage, 609-935-4179

PETS

AKC Australian Cattle Dogs Red and blue puppies whelped February 21st Also two older pups for sale Stud service available to approved bitches BUCKEYE KENNELS, Troy, Ohio 513-335-4012 or 778-0675

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1978 Diplomat 4 door Mdl, full power, special 4095
(1) 1980 Chrysler Cordoba, 6 cyl, fully equipped
1980 D50 pickup, new - Special $5995
1979 2 door Omni 024 hatchback, real nice
1978 Aspen 4 door, 4 speed overdrive
— Real Good Specials On Pickups In Stock —
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PETS

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For Sale - Fox Terrier pups, ready to go in 4 weeks, nicely marked, black & white Place order now John K Esh, Rt 1, Liberty Lane, Kirkwood, PA

For Sale - Queensland Blue Heeler pups, excellent working stock dogs 717-964-3598

PETS

AKC Pomeranian Pups, two black females $150 Black Male at stud 717-359-4374

For Sale - 6 Eskimo pups, Jacob E Kauffman, Rd 1, Box 282, Christiana, PA Along Bell Rd

Great Dane puppies, AKC, blue and black, Green Castle, PA From $175 717-597-4427

Need puppies, will purchase in litter lots and pickup at your farm or kennel Also, interested in breeding? Call 609-779-1660

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For Sale - Registered Australian Shepherd puppies Excellent stock dogs Call 717-524-0893

WANTED TO BUY

Puppies 6 to 9 weeks old in litter lots Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett 3743 N 5th Street Philadelphia PA 19140 or call between 12 noon & 6 p m Mon Tues & Thurs only 215 229-0449 Give breed age color when writing Also some kind of direction Thank you

MISCELLANEOUS

"Windmills for sale!" Dealers needed also for America's best new windmill, "EAGLE #1". "Free Brochure!" (Toll Free 1-800-431-2353, Op 132) American Wholesale Windmills, Box 261, Stone Mountain, GA 30086

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Pheasant Hunting - Sept 1 - Apr 30 Eggs, Chicks, Started, Mature. Reading Hunting Area, Birdsboro, Pa, R D 1, 19508. Ph 215-856-7670

For Sale - Ringneck Pheasants, hatching eggs, chicks, started and matured flyers Professional all breed bird dog training. Tom Crawford, Hillendale Game Farm, Tyrone. 814-684-5015

For Sale - A O Smith commerical oil-fired, glass-lined water heater, 369 7 gal per hour, 75 gallon capacity, $400

150,000 grain Canadockly water softener, $500. 717-665-2914 or 665-5427

For Sale - Cheap 20-3 P H. electric gear reduced motors ½ to 5 H P - All canning equip Must be moved at once Building leased Bel Air, MD 301-838-7271.

10 K V Kohler Electric plant, fully automatic, bottled gas fuel, 717-677-8385

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1000 gal water or oil tank, best offer 717-768-3880 between 6 and 7 p.m.

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Will purchase in litter lots and pickup at your farm or kennel.
Breeding stock for sale.
Call 609-779-1660
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40' Brown Van Trailer, 12'6" high, side door, slider on 20" tires, good potato trailer.
35' Highway Insulated Potato Trailer, 20" tires.
40' Gindy open top trailer
30' Fruehauf Tandem Flat
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KEENS 717-626-5420

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1968 Chevrolet Biscayne 2 door, excellent running condition, a nice car, cheap transportation 215-MO7-5329

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Packard Clipper Classic 4 door, body excellent motor runs good, new paint, good tires, latest inspection 814 367-5469

CASH FOR PUPS
I need Purebred and extra cute mixed litter lots. 6 to 8 weeks old Clean and healthy for resale as house pets Contact "Jo Jo The Dogman" at Roots Farmers Market, RD 1, Manheim, PA Every Tuesday 5 p m to 8 p m (No Phone Calls)

AUTOMOBILES

ANNUAL SPRING TRUCK SALE

Stock No 7619A Like brand new **1980 DODGE D-150** Uniline truck 6½' foot box 226 six cylinder 4 speed overdrive economy transmission red cloth interior, red & silver accented tape stripe, rear chrome step bumper full wheel covers 8300 miles Showroom condition — **$5380**

Stock No 1163B- 1979 **DODGE D-100.** 6 cylinder 4 speed 24 000 miles power steering power brakes, vinyl interior Rear step and tow bumper Local one owner — **$4395**

Stock No 0034A This will knock your socks off **1978 Jeep j-10.** 8900 miles One owner White blue interior color keyed white cap, white sidewall mud & snow tires, full wheel covers AM Radio tinted glass rear step & tow bumper V 8 automatic power steering & brakes Just like brand new — **$3990**

Stock No 0037 **1979 DODGE B-300 1 TON TRUCK.** 360 4 speed power steering & brakes 13 000 miles Clearance and ID lights rear step bumper AM radio, 9000 GVW burns regular gas Plate in bed for fifth wheel The perfect towing vehicle Blue — **$4780**

Stock No 3028B The camper s delight - **1975 DODGE W-200 CREW CAB 4 DOOR.** 360 4 speed heavy duty suspension power steering & brakes AM radio slide-in camper (sleeps 5) Red Burns any type gas — **$3060**

Stock No 0165A For the farmer who wants to haul hay **1977 DODGE D-500** Cab & Chassis 174 wheelbase 18 500 GVW 318 four speed single axle Power steering & brakes perfect truck for heavy duty hauling Gold Burns regular gas — **$1895**

Stock No 7633A **1980 DODGE D-200, 8' BED.** 14 000 miles 8550 GVW heavy duty suspension burns any type gas 360 automatic power steering tinted glass air conditioning AM FM radio cruise control rear step bumper For the Farmer who wants to go in style Red finish — **$6280**

JACK LOWRY
JERSEY SHORE, PA
Phone (717) 398-1590
detroit CONNECTION

AUTOMOBILES

For Sale - 20' aluminum cattle body 22' wood cattle body 20' wood cattle body. 11½' Used wood Belleville body, excellent shape, 12' used aluminum dry freight van, excellent condition - like new M. H. Eby, Inc, Blue Ball, Pa. 717 354-4971

Energy Hyd truck hoist Sales & Service Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039

1970 Diamond Reo truck, 26,000 GVW, good condition, $3500 717-626 8487

1969 Int 1900 tri-axle dump truck, all good tires, 20' aluminum bed, new 549 gas motor, exc cond, $13,500 215-869-9265 after 5 P M or 869-2952 anytime

75 Chevy (C-60) truck, 78 motor, aluminum 21' bed, 8' cab rack and end lift gate $5900 Fruehauf 36' semi trailer, single axle, good condition $1295 Lebanon Co 717-273-6018

Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans, high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition $3800 firm 609 769-3183

For Sale - 1969 Ford boom truck, Dico Side o-matic 10 00-20 rubber, 40,000 gross weight, $4500 Wanted - Scrap metal (any type) 1934 International truck, running condition, dual wheels, body needs work, $375 Ph. 215-445-6032 after 5 30

1964 Int.-H 16' flat bed dump, current PA inspection $3500
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1966 White TA dump $8500
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MISCELLANEOUS

Chain Link Dog Kennels
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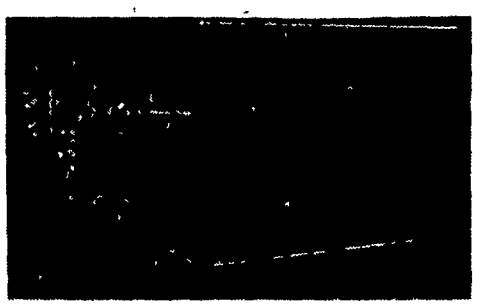
— Reasonable Prices —



Apply to
LAPP'S PET SUPPLY
New Holland #1, Pa. 17557
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717-354-4374 Ans. Service

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For Sale - Complete beekeeping operation, 85 two story hives, 200 deep supers drawn comb, new assembled supers with foundation, modern stainless steel extracting equipment Will sell complete or by the piece 215-756-6187

The Pennsylvania Farm Museum of Landis Valley desires to purchase approximately three (3) acres of hand-cut Balboa rye (or any other rye of equal height) for historical thatching purposes Interested persons should either call the Farm Museum at 569-0401 or write same at 2451 Kissel Hill Road, Lancaster, Pa. 17601. Address all inquiries to Nadine A Steinmetz

Wanted - Airplane propeller to be used for ventilation purposes, 717-367-1545 ext 24.

Wanted - Firewood Large Quantities - Hardwoods - Logs, sliced or split-seasoned or green-will haul-fair prices paid 215-383-5044 eves

For Sale - Telephone Poles, 717-392-7803, 684-6108

Large bank barn and silo suitable for pig farm, storage or any other purpose, cheap rent, Elverson 215-MO7-5329

For Sale - Used bee hives Amos U Glick, 2061 Jarvis Road, Lancaster, PA 17601

Work Shirts and Pants $2.35 ea Coveralls $6 99 ea Jackets $5.00 ea, all used reconditioned. Minimum order 5 items. New Leather Gloves 6 pair/$19 00 Send check and sizes. Add $2 50 postage and handling Catalog $1 00 Sara Glove Co, Box 4069-C-84, Waterbury, Conn 06704

New & Used steel and plastic DRUMS, bought and sold-local and long distance deliveries Reliable Recyclers, 114 S Maple Ave, Leola, PA 717-656-4211

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friction heater
U.S. PATENT NO 4 143 638
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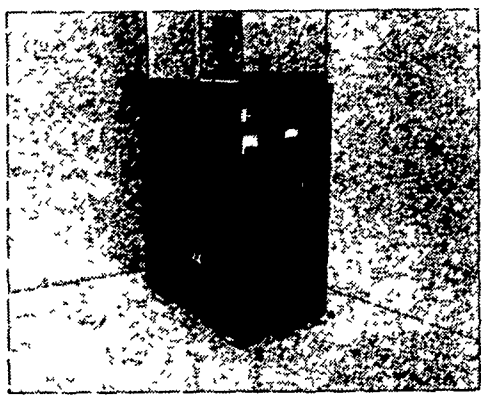

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DESIGNED TO HEAT A PROPERLY INSULATED 1200 SQ. FT. HOME
HEDSTROM/POWELL Inc.,
Des Moines, Iowa

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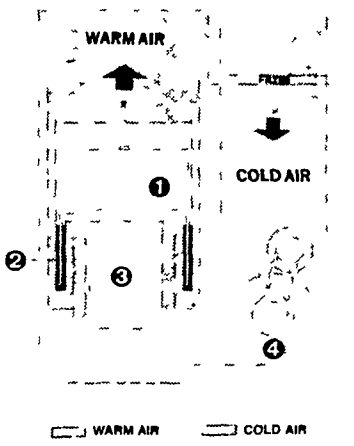

THE HEATER IS DESIGNED ON THE SIMPLE PRINCIPLE OF FRICTION. THAT IS, THE FRICTION IS TRANSFORMED DIRECTLY INTO HEAT

THE FRICTION IS CREATED BY A CYLINDRICAL SPINNING ROTOR 1 THAT IS CENTERED IN A STATIONARY OIL FILLED CAVITY 2 THE OIL TO ROTOR CONTACT DEVELOPS THE FRICTION NECESSARY TO PRODUCE HEAT THE ROTOR IS POWERED BY A 220 VOLT 3 HP MOTOR 3 HEAT IS FORCED UP AND OUT BY A SELF CONTAINED 110 VOLT ¼ HP FAN UNIT 4

For More Information
Call 717-548-2896
Company Representative - Irvin Z. Seibel

MISCELLANEOUS

(2) 2000 gal insulated storage tanks with heating coils Phone 201-735 8885 from 7 A M to 9 A M

For Sale - Old fashioned Columbia kitchen range, JD 40 tricycle, good condition, TD 9 International w/blade, Fox Terrier and Chihuahua mixed puppies Call 717-626-5678

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Made To Order
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on new and used automatic washers-dryers-gas & electric refrigerators and ranges — used wringer & engine washers. New bedroom furniture Delivery and in home or shop appliance repair available. Financing available with approved credit. Open 7:30 until 4:30 — Sat. 7.30 to 12 noon — evenings by appointment.

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Along Rt. 772 between Brownstown and Leola
Bright yellow house
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Specializing in White Oak & White Ash
SEXTON LOGGING

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REAL ESTATE

For Sale - 270 acre beef operation, 145 tillable in grain, 25 acres meadow, rest in woodland, 2 houses & barn, Juniata Co 717-436-8309

Berks Co.
Stone farmhouse on 12 acres, 3 bedrooms, pole barn, barn & stone bake oven, grain & pasture, room for 4 horses, 36 sheep, priced to sell $97,000

Double farmhouse on 9¼ acres, residence on one side, 2 apartments on other side, milkhouse, pump house, smoke house, asking price $125,000

Farmland, 40 acres, tillable, owner financing, $128,000.
STROUT REALTY
215-367-2018

Farm For Sale - 120 acres, 85 acres tillable, 8 acres woods, 27 acre meadow with stream, red soil with sand content, new broiler house, 54,000 capacity, 22 crate farrow-to-finish operation, 2 family house, N Lancaster Co $470,000 by owner Write Box 215, Manheim, PA 17545

Missouri
Good producing 378 acre ranch with bottom land and creek for irrigation, ideal for alfalfa, nice home and improvements $290,000 $75,000 down assume land bank loan and 2nd at 7½% long term Contact Joe Baker
Century 21
Baker Realty
Box 36, Willow Springs, MO 65793
417-469-2316
469-2323

Farm for sale by owner - 90 acrs plus or minus in Bradford Co near Troy 2 houses, 40x100' bank barn, 13 hay 40x80' equipment barn, 2 streams, 1 acre reservoir, excellent hunting, currently used for beef. 717-297-3394

REAL ESTATE

Potter County Tavern for sale or lease near Galeton, Pa Phone 814-435-2869

Susquehanna County
34 acres - 20 tillable, some pasture and wooded land 2 story barn plus outbuildings. Fronts paved road, stream with excellent pond site. $26,000 owner will finance

48 acres - 20 tillable acres now under plow, balance pasture and wooded land Electric & phone available $29,900.
Strout Realty
Lenoxville, Pa. 18441
Call (717) 222-3898
Write for free lists of farms, homes, acreage

For Sale - By Owner - 200 A farm, 96 cleared, 70 tillable, creek, springs, fenced, cross fenced, very good buildings, milkhouse, stanchions, 10R 3B house, orchard, alfalfa, terms possible, trailer hookup, $225,000 Bedford Co 814-784-3158

22 acre farm, 50 miles east of Scranton, PA in Wayne Co Nearly new ranch house, full basement, good condition 2 large barns, need some repair. $44,000 or will accept offers Call 315-684-9243

NORTHERN NEW YORK. We are offering this 400 Ac plus dairy farm for sale, Priced under $500,000 depending on what you want, Price includes complete line of almost new equipment, 91 head of cattle in D H I A. for over 15 YR's Buildings in excellent condition, 347 Ac FARM, Buildings in excellent condition, S & E $360,000, 165 Ac FARM equipped $115,000, 175 Ac FARM, 10 yr. old barn, stone house, second barn, country store all stocked, S.& E $250,000, ALSO HAVE hobby farms priced from $29,000 up Fournier Real Estate Gouverneur, NY 315-287-4065

REAL ESTATE

180 acre beef farm, 130 tillable, level acres, 10 secluded buildings, financing or machinery available, Corning NY, owner retiring $125,000 607-962-6668 or 215-885-1458

By Owner - Rural Manheim area, 3 bedroom rancher, fireplace in basement, garage and carport, fruit trees, large plow, financing available, 717-665-7280, 717-367-7370, 717-367-9423

125 Acre Farm, Good Land, Buildings, Location, 25 Acres with Roadstand, 50 acers with cottage, 9 acres with pond, Riverfront Estate, Lots at desirable locations, Large commercial Garage, showroom; Livestock, poultry, grain, vegetable farms, good farming areas in New Jersey. What farm do you want to buy, sell, rent? Philip F Gardiner, Real Estate Broker, 609-881-7023 early morning, EVENINGS

23 acres woodland, near Petersburg, Huntington Co 717-653-1728

FREE
Exciting Seasonal Edition, Catalog! Over 5,400 country properties described pictured! - Land, Farms, Homes - Waterfront, Recreation, Retirement buys! Yours FREE from the World's Largest!
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Situated For Privacy
Surveyed 201-ac. beef farm in pretty Potter Co. Penna. near road's end. Four mi. to town Remodeled 3-bedrm home, central heat. Lrg barn w/freestalls, other barn Pond, creek, Pasture on 60 acres. Woodland Deer, wild game in area. $125,000. Owner finance STROUT REALTY, Inc, 133 W. Main St, Westfield, PA 16950 (814) 367-5588 Res 367-2710. Free Local Lists

General Farm
Creek thru 321 N Y acres with 200+ tillable acres Two barns Remodeled, carpeted 5-bdrm 2-bath home. Full insulation, Thermopane windows, fieldstone fireplace On hwy., 3 mi to town: $175,000 Negotiable owner terms STROUT REALTY, Inc, P O. Box 368, Bath, NY 14810 (607) 776-4988 Free Local Lists

STROUT REALTY

To Settle estate, approx. 200 acre farm, 75 acres tillable, 10 room house, large bank barn plus sheds Excellent spring water, deer and small game hunting, fishing. Along Pine Creek, Lycoming County, Pa. 717-753-3335

1160 acre free stall operation Northern New York, 360 free stalls, two barns, Herringbone 8 on side with 16 units with automatic takeoffs. 2nd barn built 1976 4 on side parlor, 4 houses, 1 mobile home Large fields Private 10% mortgage to qualified parties Can be bought in one parcel or split Contact Willard Pengelly, Managing Broker, Harris Wilcox Inc. Brokers, Bergen NY 716-494-1880

FOR SALE - 60 ACRE FARM, WITH COMPLETELY AUTOMATED 35,000 BIRD LAYER HOUSE, MUCH MORE BERKS COUNTY, PA 215-562-7776

Millerstown
170 acre farm, 2 story frame house, barn, 102 acres tillable, 70 acres woodland

Carlisle
100 acre farm on Rt. 944, 2 story frame house, barn, Berks soil, owner financing available. $185,000
Call B H Agency
Carlisle
717-243-1000

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717-626-1164

Large home, 13 rooms, 3 full baths, 3 complete cellars, along highway 5 acres of land $65,000 Clarence Kuhl 717-622-3995

Herndon, Schuylkill Co 136 acre farm, home, barn, plus 7 other buildings, 80 acres tillable, $146,000 Owner financing, will trade for smaller farm or single family residence Harvey C Cresswell Realtor, 717-874-0147, 717-628-5057

Stone home and stone summer house Stream and 2 to 10 acres ground 717-754-4661

YORK COUNTY FARM: Ideal for livestock operation Buildings include 2½ sty, 3BR farm house, large bank barn, corn crib, hog house, chicken house, 2 car garage, 33 ac m/l, only $75,000, owner will take a sales agreement! Value Real Estate 717-246-1676

"590 acre dairy farm operation for sale 360 acres of good early corn and alfalfa soils 180 cow free stall complex, Surge parlor, 2500 gallon bulk tank, modern calf and heifer raising facilities, farm shop and several storage buildings, modern feed center, 2 Harvestore's 25 x 90 and 20 x 80, large bunker silo, free natural gas for all buildings, large modern home; 170 Holstein milkers plus 214 head of young stock, full line of modern farm machinery and equipment, can be purchased as Real Estate only or with cattle and equipment, REALTY 50, 334 West Main Street, Batavia, New York 14020, 716-343-9221 or 716-343-3616"

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept. LF-5, WEST REAL ESTATE AGENCY, INC., 2728 Murray Ave, Pittsburgh, Pa. 15217

FARM BUY OF THE WEEK
Southern Pennsylvania between Bedford, Pa and Cumberland, Md., bordering state gamelands No. 48, 305-acre farm, ⅓ tillable and pastureland, springs and apple orchard, 7-room & bath farmhouse, older barn in fair condition, also a furnished 3-bedroom mobile home, all for only $159,900 No 4723 WEST REAL ESTATE AGENCY, INC, Office 244 S Richard St, Bedford, Pa 15522, Phone (814) 623-8594

ALL PURPOSE FARM
Towanda, Pa area, 170-acre farm, approx 100 acres are tillable, 55 pasture, some nice woods, springs & creek through the farm, maple syrup-sugar grove, 10-room & bath home, 2-car garage, large barn with 22 stanchions, poultry house, and possible seller financing terms No B 7801 WEST REAL ESTATE AGENCY, INC, Office 12 Canton St, Troy, Pa 16947, Phone (717) 297-4046 or 297-2777

WANTED TO RENT
A 3 bedroom house in the Lancaster/Lititz area. We would prefer a rural house, available in August, 1981 for the Fall semester at Lancaster Bible College.
717-896-8238

REAL ESTATE

Wanted - Farmland to rent or buy in Green Hills, Mohnton or Sinking Spring area Write Box 366 L-150 Lancaster Farming, Lititz, PA 17543

For Sale - 60 acres of farm and woodland Financing can be arranged Phone Mifflintown 436-2873

For Sale - 140 acres of wooded land, excellent hunting, good investment, North Central West Virginia Call 717-776-3967

Wanted - Land, minimum 20 acres within 25 miles of Penn National Race Track, Write Box 366 A-6 Lancaster Farming, Lititz, PA 17543

8 ACRE FARMETTE
2 story brick house built in 1797, new bank barn, pasture with spring and stream. **Adams Co. $59,000.** 717-632-6968

For Rent - Perry Co Dairy Farm with optional jug milk store 50 cow stanchion barn, 2 Harvestores Available immediately. 717-444-3216 after 6 P M.

For Sale - 119 acre Union Co beef & pork farm, 100 acres tillable, remainder pasture Ph. 717-922-1410

For Sale - 123 acre farm five miles West of Loysville in Perry Co., Pa. 100 acres tillable, stone house, bank barn, & other outbuildings stream in pasture, $175,000 Only interested buyers need call. Evenings 717-789-3474

60 ACRE HOG FARM
3 100' buildings, heated floors, pit, 3 bedroom brick house and pond, **Adams Co.** 717-632-6968.

241 acre active dairy farm, 39 stanchions, fully equipped barn with silo, 5 bedroom house, $125,000, Many other farms available. Atkinson Real Estate, 93 E. Main St, Gouverneur, NY 13642, Call 315-287-1310 anytime

Steuben Co., NY State, Exceptional. 115 acre farm, 45 acres woods, modern 3 bedroom home, new kitchen, 2 baths, large stone fireplace, sacrifice $65,000, Carney Realty, Rd 1, Hornell, - NY 14843 607-698-2926

Juniata County Home - 7 room, bath, oil heat, elec. hot water, carpeted, alum siding, newly rem downstairs with storm windows Asking $28,000 Call 717-463-2765

225+Ac, 195+ tillable, large fields, easy slopes A-1 condition, 2 bedroom house Growing crops of wheat, hay, and trefoil One concrete silo, 3 story block poultry house with attached crib, & 7 bay machine shed Price drastically reduced for immediate sale NEA Rod Realty of Ithaca, Inc, N E A Bldg, 207 S Tioga St, Ithaca, NY 14850 607-273-7300

Large bank barn and silo suitable for pig farm, storage or any other purpose, cheap rent. Elverson, 215-MO7-5329

Investment Opportunity 2500 Feet River Front on 450 Acres in St John County - Florida 300+ Acres tillable and leased annually Real Estate Holding Corporation Stock may be purchased R Runyon, P O Box 301, Manasquan, N J 08736

REAL ESTATE

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323 W. Main St.
Mount Joy, PA
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Farm Salesman - Eugene Kreider

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Madison Co. Farm

250 Acres, 90 tie stall barn, 3 silos, pipeline milker, good house, top location. $220,000 good financing.

Chenango Co. - 300 Acres, 110 cow freestall, heifer barn, 3 silos, good land. Excellent large home. Showplace Farm $275,000.

Chemung Co. - River flat gravelly loam soil, excellent 90 cow barn and two houses. One of the very best NYS farms!

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CROPS
CATTLE

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$185,000
Owner 717-642-8177

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New Listing - 402 acre showplace dairy farm, 165 tillable, Honeoye soil, 53 stanchions plus 24 heifers, 2 lovely homes, 20x50 silo, 2 pole barns, full line of machinery, $358,000. Owner will finance.

206 acre farm, 9 room colonial home, 90 head of cattle, pipeline milker, full line of machinery, large assumable FHA mortgage.

210 acre farm, 40x100' barn, huge brick home, machinery included, $100,000. Owner will finance.

107 acre Christmas tree farm, home & large barn, 60 tillable, 40 wooded, $50,000.

Many More Larger & Smaller Farms
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SPRINGFIELD TWP Excellent business & Farm with 72 acres property fronts I 83 a chance to expand your horizons in bus Owner financing is available

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BRODBECKS - Historic 25 acre gentleman's farm, stalls for horses tennis courts, stone house of much original 3 bdrm, 4 baths, 5 fireplaces and shelf library

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SPRING GROVE - 10 acre farmette, large 8 room house with beautiful view, plus bank barn for your livestock Owner financing possible

$268,500
DOVER A beautiful site to behold! Is this 113 acre farm & restored stone home has 3 bdrm 1½ bath in rich colonial decor All in a settling along the Conewago

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York Office 717-741-4646
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REAL ESTATE

#210 - Mountain land, several counties, some wooded, stream, hunting and fishing, call for details, Call Joseph E Reinecke, Realtor 717-854-8912

For Rent - 4 room house, middle aged couple, nice yard and parking Neff sville, Lancaster Co , 717-569-1170

FARM FOR SALE - Pullet & hog operation with possible owner financing at 9½% interest Raises 51,800 birds, 2,000 hogs per batch 3 year old automated poultry house, 38'x308' Hog barn with ventilation system, large farm house & 20 acres Fine net income Bethel area Call Bill Snader or Jason Rutter at DERRY REALTY CO, 717-273-9351

200 year old 13 room stone farm house on 1 5 acres, borders creek, Ph 717-442-4279 eves for details

FARMER - INVESTOR 530 acre modern farm, York Co , PA Approx 400 prime tillable acres, flexible terms Leaseback option Respond P O Box 61, Dallastown, PA 17313

#123 - Mountain area, large mobile home, acreage, stream, close to hunting areas, Call Joseph E Reinecke, Realtor, 717-854-8912

22 acre farmette, 12 tillable, block home, located on Wolf Rock Rd , Paradise Twp , Lancaster Co Ph 717-442-4279 eves for details

#122 - Hunting lodge, excellent condition, acreage, beautiful mountain area Call Joseph E Reinecke Realtor, 717-854-8912

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Mary Ann Trone, REALTOR
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#120 Small farming venture, nearly new house, large barn, level acreage, many possibilities, Call Joseph E Reinecke Realtor, 717-854-8912

120 acre gentleman's farm, beautiful stone house beside 3 acre stocked lake, 2 fireplaces, 3½ baths, 30 miles NW of Hbg $350,000 Write Box 366 R-52 Lancaster Farming, Lititz, PA 17543

#299 - Wooded trait overlooking Susquehanna River, beautiful view, Call Joseph E Reinecke, Realtor, 717-854 8912

21 Acre farmette, barn, garage, stable, chicken house, & silo $53,900 Other farms available Call collect to Joseph A Myers Real Estate, Inc , Hanover, Pa at 717-632-7676

#296 - Mountain area, combination Restaurant - Service Station - Store, Sporting Goods, camping area, acreage Call Joseph E Reinecke, Realtor 717-854-8912

REAL ESTATE

REAL ESTATE

3 Acre Property
Usable Ground

2½ story farm house. 3 bdrms , O.H.W. heat. 2 sty. frame barn w/open stalls & shop. Block garage & storage. Lg. old shade trees. N. of Rt. 23 between Churchtown & Goodville.

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Main Street
Morgantown, Pa.
215-286-5183

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193 Ac., 110 tillable plus 85 Ac. rented ground available nearby, 62 stalls, $179,500.

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126 Ac. potato, mostly level ground, good stream, bldgs., seclusion, $139,900.

Many Other Available Listings

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384 acres, free stalls, parlor, 3 silos, cattle and equipment, 5 bedroom home with new wood furnace

260 acres, 3 harvestors, double 6 parlor, 145 free stalls, 150 milk cows, equipment, 12 room home with 2 baths, new furnace, extra 3 bedroom ranch home

900 acres, 3 harvestors, parlor with automatic takeoffs, free stalls, heifer barn with free stalls, shop, extra barn, 2 silos, 2 homes, 3 bedroom mobile home, 130 milk cows, heifers, 5 tractors and full line of equipment

100 acres, 75 easy working acres, barn, home with new windows, new siding, new roof, bath and furnace.

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100 COW DAIRY FARM
PERRY COUNTY
Milking Parlor, 3 Silos

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REAL ESTATE

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THEODORE H. FRITZ, REALTOR — HELEN M. FRITZ, REALTOR ASSOCIATE

NEW LISTING

650 acre top dairy, 235 free stalls, could add 52 more, good parlor, 2000 gal. tank, good milk market, 25x80 and 20x27 Harvestors, 60x180 good bunker, 26x60 concrete silos, 40x90 heifer barn, 185 cows, 50 bred heifers, 80 young stock, all top Holsteins, excellent equipment including 5 tractors, growing all feed, grossing over $250,000. Good 4 bdr. house, located in above 7 PH soil. Owner must sell. Chance of a lifetime. $1,050,000 complete. Satisfactory terms arranged with minimum down to qualified buyer.

1295 acre top cash crop farm, grain storage, etc. 3 large barns, 4 houses. $1,375,000 minimum down, excellent terms.

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"NEAR MACKEYVILLE"

113 87 acre farm with large farm house in very good condition The home consists of a 14'x21' living room, 15'x21' dining room 10'x24' kitchen, 12'x15' den and ½ bath on the first floor Second floor consists of five bedrooms and two baths An ideal family home Land consists of approximately 81 acres tillable, 16½ acres pasture, 12 acres waste and woodland and the home situated on 2 acres The home has a coal stoker steam heating system, has its own spring Spring has never been dry and is sufficient to take care of homes and farm requirements This farm is ideally located, a short distance from churches, schools and shopping areas One-half hour from Penn State University Approximately two miles from Rt 80

LOCUST LANE FARM!

Along Route 150 five miles from Lock Haven Main dwelling consists of a 8'x16' entrance hall with half bath, 15'8"x24' living room and dining room combination, 14'x17' library and 11'x16' kitchen Second floor consists of three spacious bedrooms and 1½ baths There is an attic for storage with a spacious cedar closet Basement with oil fired hot water heating system

At the rear of the home is a former carriage house now used as a 19'x31' workshop on the first floor and an apartment on the second floor which consists of a 13'x18'6" kitchen and living room combination included in the kitchen are a stove and refrigerator, 12'x17' bedroom and bath The 40'x60' bank barn can be used as a garage There is a spring house with ample water for all properties 70 acres tillable land, 13 acres woodland and 2 acres with the main dwelling An ideal situation excellent location close to schools churches and shopping area

Anthony A. Torsell
7 West Church Street Lock Haven
Phone 717-748-5350 or
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JUST OVER THE PENNSYLVANIA LINE. .IDEAL BEEF FARM 255 acres good alfalfa land, 75 wooded, balance open Very clean 4 bedroom home with 2 car garage 200 ton trench silo, implement shed, henhouse $125,000 liberal terms

NEW BARN . NEW LISTING 425 acres, good location in Broome County Excellent 36x152 barn holds 52 milkers, has 2 unloading silos Two homes Asks $250,000

FREE LISTS. MANY GOOD DAIRY OPERATIONS, LARGE AND SMALL ALSO SEVERAL LARGE CASH CROP FARMS.

WIMPLE REAL ESTATE
TRUMANSBURG, N.Y
607-387-9303

BEAUTIFUL FINGER LAKES NEW YORK

New Listings
50 acres/pond excellent home/outbuildings — $70,000

Following 5 farms adjoin
(1) 60 acres (2) good homes/pond — asking $85,000
(2) 65 acres Large home/outbuildings good
(3) 60 acres Poor home/outbuildings — $36,000
(4) 80 acres Home/barn — asking $60,000
(5) 100 acres - 85 tillable no buildings Financing — $72,500

These 2 Adjoin:
125 Gravely Acres 14 acres Tart Cherries - Good Home — over $100,000
44 acres Beautiful Home/Barns #1 Soils — asking $100,000
230 acre Dairy/General Farm (2 homes) — asking $235,000
38 acres - New Horse Stable - Barns Good Home — $69,000
230 acres - General Farm - Excellent Buildings — under $200,000

We Have Many Large Farms The Areas Prime Movers of Rural Property

WJW REALTY
Home Office Seneca Falls N.Y
Alfred J. Farney Broker
315/568-5910 / 568-9534

Over 50 Years

UNITED

Gentleman's Farm

Pretty 80-acre Schoharie Co. farm ideal for horses, beef or hobby farm. Spacious Victorian home in excellent repair, 4 bedrooms, 1½ baths, country kitchen, appliances plus 3 wood stoves for auxiliary heating included. 2-story studio could also be an apartment, 16x32 POOL, original stone sap house. 30-stanchion barn, several other buildings. Clear stream winds thru, 45 acres in hay. 2 miles to Interstate, 45 miles Albany. See to appreciate at $106,000.

Outstanding Terms!

ONLY $12,000 down with liberal owner financing makes this 188-acre south central Pa. farm easy to buy. 135 acres tillable, 45 in pasture, spring, creek. Two-year-old 20x60 modular home on foundation, 12x60 mobile home. 44 free-stall barn, milking parlor, 60-ft. bunk feeder, 20x70 year-old silo with unloader, barn for young stock. Short drive to Lake Raystown & University. Can't last long at $191,500, terms as stated above.

Operating Dairy & Retail Milk Sales

270-acre Pa. farm comes with 60 milk cows, 40 heifers, 4 tractors, long list of equipment included. 60x180 barn has 88 stanchions, portable milker which milks 8 at a time, milk house has 2 bulk tanks, retail sales room has homogenizer & other equipment. 3-bedroom, 2-bath home, basement apartment. Hookups for trailer. 150 acres in hay. On blacktop. Walk-in operation for $556,000, excellent owner financing, 10 per cent annual percentage rate.

NEW...FREE..312-page SUMMER catalog!
Describes over 2,900 top values in 46 states.

UNITED FARM AGENCY OF PENNSYLVANIA, INC. REAL ESTATE
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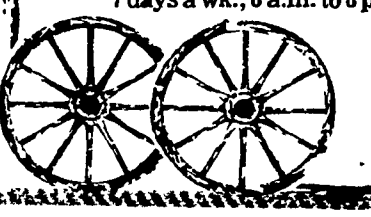
Rochester, N.Y. 14606
Ph: TOLL-FREE: 1-800-821-2599
7 days a wk., 8 a.m. to 8 p.m.



REAL ESTATE

REAL ESTATE

CENTRAL PENNA. FARMS

PERRY CO.

180 acre limestone beef, 15x30 silo, good bldgs. Call Mr. Bitting.

CUMBERLAND COUNTY

33 acre secluded, 20 wooded, no buildings, stream. Call Mr. Nissley.

FRANKLIN COUNTY

170 acre limestone dairy, 18 ties, 2 silos, financing. Call Mr. Crawford.

JUNIATA COUNTY

10.5 Acre Farmette. Modern Cape Cod house. Call Mr. Crawford.

50 Acre Hog and Poultry. Limestone and sandstone soil. Call Mr. Benner.

MIFFLIN COUNTY

118 acre limestone dairy, 87 freestalls, 3 silos. Call Mr. Crawford.

JOHN B. NIESLEY REAL ESTATE
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717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
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REAL ESTATE

1 story ranch home with 7 trailer park rental sites on 4 7 acres, borders creek, income potential For details call Ron Funk, 717-442-4279 eves

For Sale - Perry County, 1 to 8 acre woodlots, approved PH. 717-438-3115

Farm For Sale - to settle an estate, 74 acres more or less in Nine Points area Call after 3 PM 717-529-2714

#128 - Beautiful hunting chalet, located on a large parcel of land with beautiful view of the countryside, fireplace, many extras, completely furnished, Call Joseph E Reinecke, Realtor, 717-854-8912

HUNTINGDON CO. FARMS

192 acre hog farm, housing for 150 sow operation, farrow to finish, truck scales, 3 grain bins, will hold 35,000 bu , also storage for 2 tractor trailer loads of soybean meal, 2 story home with 5 bedrooms and bath 2nd floor, 4 rooms and ½ bath 1st floor. Farm has private lane and borders large creek Owner financing

Colonial Real Estate Agency
814-447-5511

11 ACRE FARMETTE

Lancaster Co. 4 miles outside of Ephrata Completely remodeled house, 2 story bank barn implement shed

215-267-2594

REAL ESTATE

REAL ESTATE

FARM LAND IN OHIO
440 ACRES
242A, 109A, 89A

These farms all join and are in operation as one unit.

Double 8 milk parlor with 2000 gal. milk tank.

There are three sets of buildings that could be bought separately.

Will be able to put together 5 farms in same locality.

For further information call

KARL F. SHEARER
Ashland, Ohio
Phone 419-289-1818

139 acre 30 cow dairy, 100 t/a. Call about low interest financing, $200,000.

230 acre fruit farm (modern facilities), owner financing.

46 acres Lancaster Co., zoned agriculture.

23 acres, 4 bay garage, lg. house, barn barn w/new roof & siding.

8 acre farmette, Ephrata area.

98 acre dairy & hog, Cumberland Co., $169,000.

Double stone & brick farm house w/6 acres of land, Cumberland Co., $95,000.

Also modern beef barn can be included.

FARM & HOME REAL ESTATE
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717-291-2270

Sylvester Baum, Carlisle, 717-776-3967
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J Irvin Denlinger
717-898-8962

100 Dairy and cash crop farms for sale. Central New York. 50 - 200 cow farms with 100 acres to 1000 acres Send for our free farm list or call collect for an appointment after 8 PM or before 8 A M.

RICHARD E. POSSON REALTY INC.
R D. #3
Norwich, NY 13815
(607) 334-9727

RICHFIELD SPRINGS N.Y. AREA

#310: OPERATING DAIRY: 62, 18,000 #DHI Holstein cows plus 56 youngstock Excellent 7 yr old split level ranch on seperate landscaped lot, plus remodeled original farmhome overlooking Otsego Lake Remodeled barn plus new addition with 68 large tie stalls plus 6 youngstock stalls 2" pipeline, 1000 gal tank, 18x40 & 20x60 concrete silo w/unloaders, large corn crib, new (1980) 50 ton capacity mix mill Full line of equipment included Good water Excellent location Many extras $385,000 complete Just listed

#259: 400 ACRES, 200 tillable, 40 woods, balance pasture, excellent soil area, considerable road frontage Ranch home with inground pool Plus modern attractive well kept farmhouse 40x80 enclosed equipment shed, several outbuildings 40x80 & 40x30 barn with 53 stanchions and 20 youngstock ties New 20x60 silo Considerable owner financing Asking $285,000 Cows are sold and wants immediate offer

#300: 270 ACRES: 200 open 2 story Colonial home plus older mobile home 2 story barn for 41 cows plus youngstock. Several pens, new milk house with tank, equipment shed 14x42 silo with unloader Must see this for the potential in this one Asking $145,000 liberal terms

We have many more. Free Picture Catalog

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

Longacre

DAUPHIN COUNTY

86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/centez auto bunk feeder & drive thru feeding 20x70 conc. silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area. 800 & 400 gal bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches Call for details **$360,000**

MONTGOMERY COUNTY

75 acres, $3,500 00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000.**

BEDFORD COUNTY

NEW

200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326

BRADFORD COUNTY

260 acre dairy farm, 200 tillable Featuring lovely 6 room house with bath & 3 room apartment 50 cow tiestall barn, barn cleaner, 800 gal bulk tank, 18 x 55 concrete silo with unloader, 2 corn cribs, large garage **$235,000**

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

475 acre dairy farm, 360 acres tillable. Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal. tanks. Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for $575,000 Call for details #311

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000.** Cattle & machinery optional Additional acreage available for rent

86 acre investment opportunity w/country living 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

WOODED ACREAGE

11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY

NEW

140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY

149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal dining room, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **$165,000. #288.**

SNYDER COUNTY

101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property $36,000
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road $32,000.

JUNIATA COUNTY

REDUCED

160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000 #320.

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$225,000 #145.**

POTTER COUNTY

16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000 #310

Lovely 7 acre farmette featuring 2 story home with 10 rooms and bath plus large barn & machinery shed all in good condition FHA approved $65,000 #309

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm , & laundry. 60 stall barn 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x2 trench silo $250,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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Rt. 100 Hereford, PA 18056

Ph: 215-679-5919

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RALPH CONNELLY
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Bradford Co

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LESTER KLINGER
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Bucks Co

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

24 ACRES WOODLAND

with stream, some road frontage, West Cocalico Twp.

215-267-2594

BRADFORD COUNTY

185 acre dairy farm About 150 tillable 47 tie stall barn, 16' concrete silo Good farm home, dead end private road setting Selling milk to-day $169,000 Owner Financing

UNITED FARM AGENCY OF PA. INC.

R.D. 1, Towanda, Pa 18848

717-265-5924

DAIRY FARM HUNTINGDON CO.

146 acres of rolling limestone soil, 125 tillable acres, modern dairy barn with 40 comfort stalls, barn cleaner, 20x50 silo with unloader & bulk tank, nice 4 bedroom house Ready to go for $165,000

Call Dan Knode

TOWN & COUNTRY REAL ESTATE

814-946-4343

146 Acres Harford Co., Maryland

near Penna line at Norrisville /Stewartstown Presently being farmed Approved subdivision for future investment

Matthews & Co. Realtors

Carole Bowen, Agent

301-667-1900 or 301-692-6803

N.E. PENNA. FARMS FOR SALE

8% INTEREST!

200 acre dairy farm, working, excellent home, barn 50 ties, $50,000 down, 15 yrs 8% interest, $1434 monthly Price $200,000

57 ACRES

Dairy farm excellent home, barn 50 ties $50,000 down, 10 yrs, 10% interest, $594 90 monthly Price $95,000

FREE CATALOG

George H. ZEREBAK REALTY

P O. Box 1, Rte. 370 Lakewood, PA 18439

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REAL ESTATE

DAUPHIN CO. FARM

Located near Middletown, 72 acres, 45 loafing stalls, 65 acres tillable with more for rent. 3 unit farm house, 11% Mortgage for 39 year available.

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717-653-4400
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Box 38
Elizabethtown, PA
17022

REALTOR®

CENTRAL NEW YORK OFFICE

CORNELL'S TOUR SHOWPLACE.. 800 HEAD FACILITIES: 575 acres, stone free, 330 tillable, 160 bu /acre dry shell yield Ultra-modern 400 cow free stall barn, double 9 computerized Boumatic parlor Brand new heifer barn for 300 500' bunker Maternity barn Two homes, two mobile homes 400 milkers (300 registered) top line of mostly new machinery $1,770,000

STOCKED & EQUIPPED FAMILY FARM: 175 acres, 125 tillable, high-fertility honeoye soils 40 cow barn, 20x60 unloading silo, mow elevator Good 10 room home. 40 Holstein milkers, Y S , tractors & machienry. $220,000 JUST LISTED!

WIDOW MUST SELL EXTRA-NEAT DAIRY IN AMISH AREA: 253 acres, 150 tillable, Level Barn accomodates about 80, has cleaner, mow elevator, dump station Nice 8 room home, new oil/wood furnace $150,000 with 29% down

FREE DAIRY LISTS

FLI FARM AND LAND INSTITUTE

WIMPLE REALTORS

SLOANSVILLE, N.Y.

518-875-6355

FARMS & LAND

F1-09 41 acre w/dairy setup, large, fully insulated 11 room house. Bank barn has 17 tie stalls & vacuum pipeline, horse barn, Snyder Co. Only $71,500.

L1-07 Approx. 100 acres tillable on this 133 acre tract near Port Trevorton, Snyder Co. No buildings only $700/acre.

F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. $69,000.

FO-51 General farm in central Snyder Co. 188 acres with over 100 acres tillable. Bank barn and other outbuildings. 2 story, 8 rm. log home with aluminum siding. Only $175,000. Owner financing.

FO-25 Farm consisting [illegible] acres. Near McClure. [illegible]. Approx. 100 tillable [illegible] Owner Financing. $150 [illegible]

SALES AGREEMENT

Small and Large Tracts of Open and Wooded Land Available from $3,800 to $144,000.

Other Farms Also Available

Bowen Agency inc. REALTORS®

22 North Market St. Selinsgrove, PA

"PHOTOS BY WIRE"

717-374-2165

Evenings call Realtor Assoc.

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Snyder/Union	**Juniata/Perry**
717-374-8038	**717-436-9213**
Paul Kuhn, GRI	**Dallas Will**
Northumberland	**Mifflin**
717-374-4144	**717-543-5685**

REAL ESTATE

REAL ESTATE

WESTERN NEW YORK

"An Area Blessed With Rainfall"

230 acre highly productive dairy farm with 43 stall barn, pipeline milker, bunk feeder, Harvestore silo and 4 bedroom home $150,000 with possible owner financing Good herd of cattle and equipment optional

60 acre starter farm mostly all tillable with 37 cow barn, silo, tool shed and 3 bedroom home on quiet road $59,000

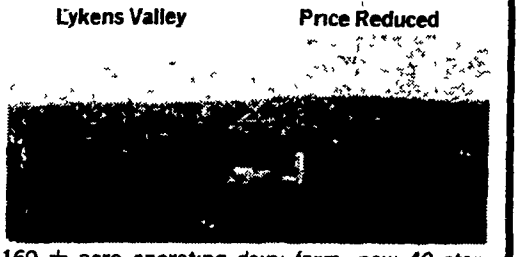
"SEND FOR FREE LIST OF OTHER FARMS"

Carlson & Becker Ent. Inc.

P.O. Box 470
Sinclairville, New York 14782
Ph: 716-962-5332

Ringtown Valley, 176 acres, vegetable or crop farm, 88 tillable, balance wooded, bank barn and potato storage, lg pond, 7 bedroom double house, excellent water supply, possible owner financing at 10% $150,000

Lykens Valley **Price Reduced**



160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo, stream borders large 6 bedroom home, secluded $400,000

Lykens Valley - 100 + acres, large home, bank barn, 90 tillable, stream thru $240,000

Several 400-500 Acre Farms

140 + acres, 6 miles from Lykens Valley, 85 level tillable acres + 20 pasture, house and bank barn or rent with option to buy $235,000

Plain Acreage

1 acre to 22 acres

50 acres wooded mountain land, surveyed $50,000

PETER B. CORTELYOU

Real Estate

717-758-9177

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell **Priced To Sell**

HORSE STABLE+FENCED EXERCISE YARD! - Go with this 3 yr. old, 2 story frame home with attached garage, stone fireplace + woodstove in finished basement, 2½ baths, beautiful country kitchen, heated bungalow for kids or storage, 9.6+ acres of freedom! Reduced to $59,500. Hurry! #M-141 PH: 717-662-2138.

TIOGA COUNTY: - 100+ AC dairy farm, 34 stalls, new barn cleaner, 20'x28' Harvestore silo on lease, bulk tank, milking equip. nice 3 br. house partially remodeled. Much much more. Priced at $83,500. W-542. PH: 717-724-5921.

TIOGA COUNTY - 2 parcels of land in beautiful Tioga Cty. Great area for hunting, hiking, snowmobiling, etc. Fantastic views, Hrdtp Rd. & rightaway. 13+ ac. just $7,150.00 23+ ac. for only $9,900.00 Owner terms poss. Call now. 717-724-5921 W-482, 484.

"AFFORDABLE FARM" - Overlooking the Cowanesque Dam in Tioga County, PA, on NY border, 100+ acres, approx. 40 tillable, 50 tie stall barn w/mow conveyor, 20'x60' silo, w/unloader, fair to poor house, major cleanup needed around buildings, frontage on 2 roads. Priced right at just $85,000. #M-209.

JUST LISTED - 140 acre dairy farm in the heart of Tioga Co. 50 stalls, barn cleaner. 2 bulk tanks, milking units, 18 x 55 silo, 20 x 28 Harvestore, 3 bedroom house, partially remodeled, other out buildings, owner say's sell at only $140,000. W-545

CALL OR WRITE US FOR OUR FREE LISTS!

The Real Estaters REALTOR

Offices: Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave - **724-5921**
WESTFIELD, 108 Main St. - **814-367-2249**
MANSFIELD, RD 1, Box 41 - **662-2138**

OUR #1 AIM IS SERVICE

6 ACRE FARMETTE

4 bedroom carpeted frame house, bank barn and other outbuildings. Quiet rural setting. (2) 1 acre lot options.

Southern York Co.
$75,900
717-244-8396

PENNA FARMS

CUMBERLAND CO.

75 A. GENERAL FARM - Bank Barn, modern 2 story frame house, road frontage and stream. Just minutes from I-81. PRICE ADJUSTED.

2 STORY BRICK COLONIAL dwelling (approx. 200 years old) with bank barn on 43 A. limestone tract, 3500' road frontage East of Carlisle. $160,000.00.

Your own ESTATE on 40 A Modern frame house, bank barn, stream and road frontage - near major highways.

HUNTINGDON CO.

172 A. GENERAL Modern 7 room house, pond, barn - near Raystown Lake. PRICE ADJUSTED.

"NO OBLIGATION APPRAISAL"

Charles Wenger, GRI, 263-0945
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Ph. (717) 243-6195

KEY REAL ESTATE

108 York St Hanover, Pa 632-6400

Gettysburg 334-8144
Westminster 301-848-0080
York 845-4810

REALTOR

York Co. 95 acres, 80 tillable dairy farm, 2½ story frame home, bank barn, 3 silos, freestall barn and milking parlor need to be completed, $250,000. L-3546

Adams Co. 40-acre broiler & hog farm, 2½ story frame home, country location, $140,000. Sellers will sell 10-30 acres separate $1,300. acre & up. L-2933

L-3284 Adams Co. 82 acres mostly tillable land, 2400 ft. road frontage. $124,000.

L-3452-9 Gentleman's Farm, Excellent condition throughout, 2½ story home with large kitchen, 5 BR, 2 baths, 40'x60' barn; chicken house, hog shed, presently set up for sheep, area for horses in barn. 3 ac. tillable, 3 ac. woods, 13 ac. in pasture, (10 ac. fenced)

L-3402 Adams Co. horse farm, 100 acres all fenced, 104 x 120 ft. horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool. Nice setting at $310,000. May be purchased without rancher home and 10 acres for $230,000., 12% financing.

L-3162 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder. Sellers will sell dairy & layer separately to two simultaneous buyers $310,000.

L-3327 Juniata Co. Dairy, 85 acres mostly tillable, large bank barn, large brick & frame [illegible] units on Rt. 75 & Tuscarora Creek, additional acreage available for lease or purchase. $100,000. Owner financing available.

PRICE REDUCED

L-3469-1 Adams Co., land 100 acres, level 75% tillable, balance wood land. $135,000. Located near 136 acre dairy & poultry farm.

Dan Rodgers 717-632-3468
Office - 717-632-6400

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BEDFORD COUNTY

Form your own hunting club on this 90 acres with 3 story 9 room 2 bath home and barn, bordering hundreds of acres of State Game Lands. $89,500. Terms Available. Example (25% down = $22,375 ÷ 10 members = $2,237.50 each. Balance $67,125 at 12% interest ÷ 144 monthly payments of $881.65 ÷ 10 members = $88.17 month.)

2 Story 4 bedroom remodeled farm house, barn and outbuildings on 8 acres with spring fed pond, stream and small pear orchard $49,500.

20'x32' 2 bedroom cabin with 8'x20' screened in porch in the middle of 10 wooded acres $28,500.

PAUL PLOVISH REAL ESTATE
W. 5th Ave.
Everett, PA 15537
Ph: 814-652-5226

HEMPFIELD MILLS BUILDING
For Rent or Lease
Office, Storage, Silos and Scales
1 - 3 Acres of Land
East Hempfield Twp., Lancaster, PA
717-898-7443

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GENERAL FARM - 44 acres (28 tillable), 2 story house, garage, workshop, & bank barn in good condition Small stream & pond 20 miles from Johnstown $75,900

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg Solid 2-story frame house and bank barn ideally suited for livestock Buildings are centrally located on land Price reduced to $192,500

CENTRE COUNTY

FOUR LISTINGS - 2 MILES EAST OF REBERSBURG

70 ACRE GENERAL FARM — 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn, implement shed, corn crib Combination All building new since 1970. 28 acres of productive tillable land 40 acres woodland, Price reduced to $115,000.

147 ACRE GENERAL FARM - 2 story stone house, 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland. Price reduced to $175,000.

NEW LISTING - 8 ACRE FARMETTE - frontage on Rt. 192. Sound 2 story house, new 30' x 60' 2 story barn & garage Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below $64,500.

NEW LISTING - 2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment. The barn has 27 tie stalls & an attached milkhouse. 2 silos, 12' x 50' & 10' x 35', 2 implement sheds. 2 acres of land included. Small additional acreage available $35,000 Adjacent to the farmette above

AMISH FARMETTE - 3 Acres, good dwelling, barn, workshop (suitable for a retail business) Buildings in good condition, joins listings above Price reduced to $42,500

GENERAL OR LIVESTOCK FARM - 75 acres (65 tillable), log & plank constructed house, new 40x80 2 story bank barn, 14x40 concrete stave silo Between Spring Mills & Potters Mills $149,500 Partial owner financing. 140 acres tillable land available for rent.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest Picturesque with tillable and wooded acreage; 2-story house, 2-car garage, very good condition Stream provides water for house and pond Excellent investment, ideal for horses or recreation. $150,000. Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs Barn equipped for farrowing and finishing hogs. Small stream Approximately 18 miles from State College Complete $97,500, 75 acres + barn only - $68,500, 39 acres + barn only - $52,500

OWNER FINANCING RATES AS LOW AS 9%

CLINTON COUNTY

LIVESTOCK FARM - 78 Acres (57 tillable) near Mill Hall, excellent 2 story house, bank barn, implement shed, 2 garages, stream $94,500

HUNTINGDON COUNTY

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland) 3 dwellings, large bank barn with 36-tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Water supplied by springs $340,000 Owner Financing

JUNIATA COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt. 35, 20± acres, (Approx 17 tillable acres & 1 acre of woodland), additional acreage available, good 2 story frame house, remodeled interior, 2 story barn, outbuildings, nice setting, good road frontage $89,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM - Near Turbotville 231 acres (174 very productive tillable) Good 2 story house, bank barn, implement sheds, & like new grain drying facilities Owner financing $344,000

UNION COUNTY

SMALL FARM - Adjoining Swengel - 29 acres (26 highly productive tillable), good one story frame dwelling, good bank barn, outbuildings, pond, $84,500 Adjacent original 2 story farm house & outbuildings also available, $28,500

MANY LAND PARCELS AVAILABLE. CALL OR WRITE FOR FREE LIST.

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705
Don Myers (814) 422-8111 (Lewisburg) Larry W. Platt (717) 568-5563
Mel Rockey (814) 466-6688 (Bedford) Richard D. Reed (814) 839-4271

KISSINGER LEONARD & ASSOCIATES - Realtors

Frederick J. Kissinger, Realtor
William H. Leonard, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

- The Professionals in Farm Real Estate Service

ERA

M 1157 - 14 Ac., 36'x40' 9 stall barn, tack room, $12,500 terms

M 1172 - 70 Ac., pole barn, well, $47,250

M 1172 - Farmette, barn, pond, remodeled home, 12 Ac $47,900

M 1238 - 10 Ac, $9,000 terms

M 1350 - 24 Ac., $14,600 terms

M 1267 - 40 Ac., old farmhouse, $34,000

M 1355 - 66 Ac., mostly wooded, good hunting, $36,000.

M 1352 - 105 45 Ac., ½ woods, $58,000

M 1354 - 286 99 Ac., ponds, stream, woods, tillable, $165,000 terms

ERA Homestead Rlty
267 S. Main
Mansfield, PA 16933
717-662-3287
Robert Dinger R.A.
717-549-4792

SNYDER COUNTY
150 acre dairy, silo, 100 acres tillable, loafing area for 40 cows $225,000.

White Deer
LYCOMING COUNTY
90 acre farm, 45 to 50 acres tillable, nice land that could be cleared, (2) 2 story chicken houses, poultry shelter over 200' long, corn barn, horse barn, work shop, nice house, 1 mile off Rt. 15.

DAUPHIN COUNTY
58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable. 30 acres more can be leased. Financing at 9%.

NORTHUMBERLAND COUNTY
DEWART
97 acres, river bottom soil, 56 stanchion dairy.

COLUMBIA COUNTY
70 acres, general, 52 acres tillable.

DONALD R. WITWER REAL ESTATE
Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

UNITED FARM REAL ESTATE

BEDFORD COUNTY
148 ACRE beef, horse or sheep farm, all bldgs. in ex. cond., nice pond, 30 acres saw timber. Good retirement choice.
250 ACRE dairy - Bank barn in good condition. 10 room house.
283 ACRE beef farm - Large barn. 4 bedroom house. Stream. 90 additional acres available.
25½ ACRES with show barn - For horses or cattle. Beef barn. 7 room house.
200 ACRE dairy - With or without stock and equipment. 4 bedroom home.

BLAIR COUNTY
175 ACRE dairy - 31 stanchion barn with room for 12 more. 4 bedroom home.
163 ACRE farm - 35 acres in oak and cherry timber. 30 stanchions barn.

HUNTINGDON COUNTY
10 ACRES with large horse or beef barn - 4 bedroom house plus 3 bedroom tenant house.
106 ACRE dairy - 15 acres in timber, stream. Excellent terms.
Other dairy farms available in Mifflin County and a 32 acre horse farm in Indiana County.
Farm Listings Needed

UNITED FARM AGENCY OF PA. INC.
R.D #1 Box 395-D
Roaring Spring, Pa. 16673
814-224-4464

MAILBOX MARKET

For Sale- Farmall M tractor, good rubber, new paint, good condition, $1050 215-488-1947 Berks Co

Wanted- Hyd lift kit for Oliver #76 grain drill Hershey 717-534-1253

For Sale- JD 630 gas tractor in good condition. Yale chain hoist $100 or will trade for a floor jack. Leb. Co. 717-272-3558.

For Sale- 8N Ford Tractor, good condition, new tires, asking $1800 Cumb Co 717-423-6732

Wanted- Two horse-drawn vehicles each able to hold 8 people, Monroe Co 717-223-0185.

For Sale- DH 478 GMC Toro flow diesel. Needs work on crankshaft and injection system, extra std crankshaft, set of new bearings & gasket set go with all for $600 717-733-3890.

For Sale- 68 Hayliner on steel with engine, good cond., 10 ton steel feed bin, Elam F King, Gap #1 Box 35

For Sale- 1-8 hole Pride of the Farm hog feeder, excellent condition, used only six months, $175 Cumberland Co 609-451-3127

Wanted- A transmission case #B3600R for a JD 520 or 530 814-583-5332 evenings please Clearfield Co

For Sale- Standardbred mare, harness, roller bearing storm front carriage, hyd brakes, ex cond., $1500 for pkg Snyder Co 717-837-0411

For Sale- Approx 400 bales nice oat straw, also 150 bales mixed hay, Wanted flat bed wagon or running gear, York 717-432-5731

For Sale- JD Model B tractor Roll-A-Matic front end Very good condition, $900 Mifflin Co 717-543-5788

For Sale- Palomino mare, 2 hole corn sheller. Wanted- Pony English Saddle, Lebanon Co 717-949-3259

For Sale- Oliver 500 diesel tractor $1800. Also Bay quarter horse rode in 4-H, good barrel racer, $600. Mifflin Co 717-935-2685

MAILBOX MARKET

For Sale- Approx. 50 guinea chickens $1.50. 20 hole Smidley hog feeder (new) $250 215-926-5177 Berks Co

For Sale- AC power unit D16 w/clutch 4-1 reduction priced reasonable. Benuel Beiler, R1 New Providence, Pa. 17560.

For Sale- 200 Sex-Sal yearling hens or Golden Buffs on floor in good production, Levi Miller, Paradise, #1 South Vintage Rd.

For Sale- Ford 4-row corn planter, IH spreader, antique wagon Lebanon Co 717-865-4773

For Sale- 1974 GMC truck parts, incl 454 engine & 400 transmission Also 15 month old Reg Shorthorn bull. Balto. Co Md 301-833-4773

Wanted To Rent or Buy - Farmhouse, mobile home or apartment near Lancaster, must be 3 bedroom Call collect the afternoon of Saturday May 16th 717-467-2609

For Sale- Vinyl covered couch $6, chair $4, swivel rocker $10, small sofa $18, coffee table $16, drapes & rods $20/pr 717-225-1396 York Co

For Sale- Tobacco dust, an excellent fertilizer for lawn, garden, fruit trees etc Also bugs in garden hate the dust Ivan Fisher, R4 98 Loop Rd, Quarryville, Pa

For Sale- Sears 7 hp tractor type riding mower, 36" cut, good condition, 50 hours on engine since overhaul in 1979 $450 Can deliver, 215-777 6865 Berks Co

Wanted- Mott mower knife sharpener Charles Davis, Twin-S Gun Club Lehigh Co 215-679-7448

For Sale- Hereford cows, bred heifers, one polled bull, one purebred Yorkshire boar & two set goats, Adams Co 717-677-8855 evenings.

For Sale- Holstein bull 20 month old and 1 holstein heifer just fresh, 717-949-3842.

For Sale- Sorrel mule, good worker, $975 Sam A. Kinsinger, 3123 Irishtown Rd, Gordonville Pa.

For Sale- JD 200 stacker and stack mover. Cumberland Co. 717-532-9090

MAILBOX MARKET

For Sale- 10' Cultipacker in very good cond Adams Co. 717-677-8789

Wanted- Hay crimper or hay conditioner, hay tedder 301-885-5870 after 4 Cecil Co, Md

For Sale- MH 33 parts, 2 mowers, frail chopper, hay rake, baler, 2 horse manure wagon, cultivator, $600 for all or sell parts Harford Co 301-557-9420

For Sale- 4 btm plow semi-mt, 3 pt hitch, with extra parts, mould boards, etc $375 or trade for JD 3 btm pull behind plow in good cond Bucks Co 215-766-7212

For Sale- Pair of 36" rims rear for F-20 $25 each Farmall other F-20 parts, 3 pt. hitch Oliver mower $300 Sullivan Co 924-3847

For Sale- 1 pair cultivators, 1 post hole digger, 1 mow machine, All for an Allis Chalmers tractor, a 3276 bushel grain storage shed, 717-333-4656 Luzerne Co

For Sale- Int 101 combine with 12' hume reel, good running condition, don't need it anymore 814-784-3158 Bedford Co

For Sale- 17 acres woodland, located between Easton and Bangor. Also 16 ft travel trailer, Northampton Co 215-252-7974

For Sale- Farmall C with whl plow, disc cultivators and log splitter 215 856-7652 Berks Co

Wanted- Ex cow with 4 0 test from VG dam, a cow you are ready to give up breeding I want to try to get her back to breeding and a Superovulater her 717-382-4592

For Sale- Two wooden overhead garage doors, 8"x8', all hardware included, $60 each - $100 for both Also, white aluminum storm windows, 301-756-2710 Carroll Co

For Sale- Copper kettle 20" diameter, approx 11" deep, old but serviceable, Bradford Co 717-596-2300 after 5

For Sale- Corn planter for Farmall A. Fully mounted Can be used with manual lift or elec hydraulic Sch Co 717-345-8434

For Sale- IH 400 Cyclo corn planter 6-30" rows with large fertilizer boxes and 4 flotation tires, $5000. York Co. 717-225-4944

Wanted- Sickle bar attachment for New Holland Super 717 harvester 301-293-2707

For Sale- 244 JD Snapper head and mounting plate for 3800 chopper will fit 3300 combine or 300 husker Also 3 pt Ferguson cultivators, Adams Co 717-528-4223

Free to a good home, Adult German Shepherd male Good with children. 717-284-4744 Lanc Co

For Sale- 7 tons ear corn 215-297-5842 Bucks Co

Free - friendly, female chow dog, 3-4 years old purebred - no papers, Lanc Co 717-665-4642 evenings

For Sale 456 corn planter double disk opener insecticide applicators Berks Co. 717-933-5771

For Sale- Choice of mtk wagon or closed carriage w/spring underneath, used 1 yr John M King, R2 Box 112 Qville

For Sale- Top milk production, show quality registered Alpine goats, wethers, does & milkers, certified herd, DHIA, 301-879-9529 Harford Co, Md.

For Sale- 12 ft rubber tine farm wagon - 2 row Iron Ago potato planter, Century Sprayer, Berks Co. 215-683-3658 call after 6 p.m.

Wanted- Pa Indian artifacts for an educational display for local school district. Donations appreciated but will pay if reasonably priced. 215-943-4573 Bucks Co

MAILBOX MARKET

For Sale Holstein & Guernsey springing nicely One purebred due June, blood tested 1 H 1st calf milking 4 gal a day 50 to 60 feeder pigs, Lanc Co 717-354-5974

Wanted 4 or 5 bull calves up to three weeks old for 4 H projects Beef cattle bloodlines preferred Adams Co 717-624-7362

For Sale- Custom built rabbit hutches and carrying cages All wire ARBA recommended $18 and $15 609-387-1543 Burlington Co NJ

Wanted- 2 good 11 2x36 tractor tires, 717 788-3801 Luz Co

For Sale- Delco crop dryer fan - 4 hp electric, 18,500 CFM - uses air to dry hay or corn, 301-374-6353

For Sale- Reg Rambouillet ram, born Sept 1978 Reserve champion yearling ram, 1981 Pa State Farm Show 717-243-8845 Cumberland Co

As is Best Offer M Farmall $695 Hand start JD B $650 Hand start JD B $475 4 wheel wagon $300 215-944 8544 Berks Co

For Sale 6 hp garden tractor, starter, no deck, very good cond $150 3-section gangmower 717-768 8182 5 6 p m Lanc Co

For Sale- 2840 JD 5x16" JD Plow, 35 JD Harvester w/2 hds, Bou-Matic pipeline 4 units, 2 Reg Belgians, 14 mo old, Fulton Co 717 573-4192

For Sale Omsteel trencher w/9' backhoe, angle blade, engine rebuilt, osolating steering, 4' trencher, all hyd, with trailer 215 929 3777 Berks Co

For Sale NH Super Hayliner, 68 Baler in good condition, $1700 814-634-0682 Somerset Co

For Sale- Ford 132 semi-mtd 5-14' high clearance plow, field ready, good cond, $1500 Salem Co 609-358-3363

For Sale- Standard size (3x8) white alum storm door, left hand door 717 569-9991 $40

For Sale- 40 KW 3 ph engine generator, set rebuilt engine, priced for quick sale $4250 215 445-5108 days

For Sale- 2 yr Morgan mare, broke, double or for buggy Ben J Kinsinger, RD1 Box 234A, Meyersdale, Pa 15552

For Sale 2 new auto coal stokers, one boiler (baseboard h w) one hot air. 717-843-9997

Wanted- Motorcycle books, manuals, other parts, 1950's back & tractor books & instruction manuals & cars & old gas engine Berks Co 215-286-5848

For Sale- AC 4-row no-till corn & bean planter, liquid fert, monitor & insect hoppers, field ready, Leb Co $2800 717-949-3529

For Sale- 100 veal calf pens, 2 Vent-o-Matic fans, one formula mixer 215-267-5982 Lanc Co

For Sale- 50 lb Surge milker pail, drag disk harrow, JD drag plow, full blooded collie 3½ yrs old, brown & white no papers, 301-452-5208

For Sale- NH super haylifter baler, side delivery rake on rubber, complete hay preservative attachment for baler Berks Co 215 926-2280

Wanted- Eskimo Spitz male pup, Chester Co 215-857-5889

Wanted- One purebred Targhee male lamb, 8 ewes Dorset or white faced, twin crosses, preferred C H Showalter, Hagerstown, Md R#8 21740 or call after 6, 301-733-4257

For Sale 78 Dodge power wagon 4x4 only 24,000 miles, with or without snow plow, real sharp!

MAILBOX MARKET

For Sale Single row Holland transplanter w/toolbar clamp $385 Pair 36" dia 6" wide steel rear tractor wheels, $20 each Steel wheel side delivery rake for parts $50 York Co 717-244-0770

For Sale- 2 light Bridgehand harness, 8 front gear working harness, 12 collars 17 in to 23 in 7 bridles some harness, Guy W Myers, R2, Seven Valley Pa 17360, ph 428-1686

For Sale- 66 Int truck COE 5 sp/2rr 16' diamond bed $2500 77 Ford F250 4x4 ASB Big tires, $3250 717-334 6006

For Sale- Baby Raccoons and coyote pups, $50 each 235-2903

For Sale- 200 series AC cultivator for D14 to D17 tractors, new shovels & shields, excellent condition, Perry Co 717 438-3556

For Sale- Black Wilson soybeans, call around 5 p m 609 935 4594

For Sale JD 494A Corn Planter 4 row, $500 hay crimper $200 215 932-8208 Chester Co

For Sale Toy Fox Terrier puppies, 1 male, 3 females, Luke Z Martin, East Earl, R1 Pa 17519 Behind Terre Hill Silo Co

For Sale- One Calder overhead door, 8x7 new One 2 row Stauffer transplanter, one Loco Model 2 cyl steam engine, 717-354-9939

For Sale- 2 grade Holstein springing heifers due June and Sept 717-285 3280 Lanc Co

For Sale Shropshire ram lambs and yearling rams from D'Ambra and Sheppard bloodlines, Select early for quality stock, 717-949-3653 Leb Co

For Sale- New Idea 7 ft cutditioner in A-1 condition (used only six seasons) sharpened and field ready can be seen at David Good's, will sell for $1400

For Sale- Toy Fox Terrier pups, 2 females Enos B King, 2065 Horse Shoe Rd, Lanc Pa 17601, Near Conestoga Valley School

For Sale- Pennbel tobacco plants, Daniel Glick Jr, R1 Box 297A Bird-in-Hand, Pa N/E of Bards crossing along Windy-tore Rd

Wanted- 1000 gal water transport tank plastic, fiberglass, or steel, suitable for spray water or person who bought the one at Harry Arner's Sale, please contact me 717-384-4220 Luz Co

For Sale- 1968 Model 4020 tractor, $8000. Juniata Co 717-463-3277

For Sale- 800 gal Milkkeeper Bulk Tank with 2-3 hp Tecumsey Compressors & Automatic washer, Perry Co 717-789-3963

For Sale- A 3 ton manual chain hoist, good condition Call between 8 a m and 1 p m Mon-Sat 717-533-2218 Hershey Area

For Sale- 6 yr old Standard bred horse, sound & traffic safe Mans horse with papers needs work David D Esh, 40 Frogtown Rd, R2 Paradise, Pa 17562

For Sale Complete living room set All like new Sofa, coffee table, bookcase, childs rocker, floor radio, swivel rocker, reasonable, Berks Co 215 777-1594

For Sale- Beef cows with calves, Simmental cross heifers, 2- 3/4 Simmental bulls Also fast hitch for 706 or 806 215-926 3376 or 215 926 3379

For Sale- Farmall F 20 with loader running condition, good rubber, make offer 717 272 1415 Leb Co

MAILBOX MARKET

For Sale Cat D2 Dozer 5U wide gauge for parts Also PTO winch, and Misc Parts Brad Co 717-746-3458

For Sale- 73 Blazer 4-wheel drive with hydraulic snow plow, carpeting $2400 Luzerne Co 717-542-4602 after 5 p m

For Sale- Border Collie Pups, 7 weeks old, $25 Berks Co 215-987 6403

For Sale- 9 Hand Hewed Barn Beams, Approx 16'x7"x9" Asking $55 ea Berks, 215-779 4950

For Sale Accepting bids for new wheat straw available June/July 81 picked up at field or you bale 120 acres Buy some or all 215-942-4436

AKC Shetland Sheepdog Stud Service Nice markings, and has friendly personality Call Joan at 717 284-2575

MAILBOX MARKET

Wanted- AC snap coupler corn planter 4 row, ex cond, call after 7 p m /17-965-2344

For Sale- JD spring tooth harrow, 3 section 12', 4 row Ford 310 corn planter, 3 pt hitch, mounted 717-626 7109

For Sale- Reg Polled Hereford bull, 2 years old Has been shown Easy to handle, 717-677 7557

For Sale 5 wheel farmhand wheel rake, 3 bottom 16' 3 pt plow 717-259-7070 York Co

For Sale- Service age bull, sire Barrett (+1400), dam 82 pt Citation M with over 800 F No horns and has ring Sch Co 717-386 4691

Wanted- Dough mixer Jacob S Stoltzfus, 168 Beaver Dam Rd Honeybrook R3 Pa 19344

MAILBOX MARKET

For Sale VF4 Wisc engine clutch reduction, good cond, $750 David L Stoltzfus R1 Box 440 Gap, Pa

For Sale- Gray mare work horse, 7 yr old good broke Also 4 yr old American saddle bay, good broke but a man horse Rufus Z Martin RD1 Denver, Pa 17517

For Sale- 1976 Massey Ferguson 750 Combine Hydro, Air, Bin Ext loaded! 3 heads Will separate See this machine before you buy New owner has chance at 170 acres small grain combining! 215-942-2591

For Sale- NH Super 77 Baler Wisc Engine $350 2 Row Transplanter $160 2 Cycle Wisc Engine $200 717-252 3589 York Co Wrightsville Area

MAILBOX MARKET

Free Used barn tin John K Stoltzfus, Ronks 1 Box 56, Pa 17572

For Sale- Water filter, nitrate chemical water softener Jacob Swarey, Ronks R1 North Cherry Lane Road, Lanc Co, Pa 17572

For Sale- 1974 Jeep pickup $2295 360, AT, PS, 4WD Blue, no rust, $83,000 New cap, spoke wheels, Excellent condition, 717 464-2040 after 5 30 p m Lanc Co

For Sale- NH 56 rake, good condition Also 12 5L-15 high floatation, like new, $45 Lanc Co 717-354 8238

For Sale- 2 grade 12 month old heifers, 1 red & white grade 6 month old heifer, out of 16,000 RHA 600 fat Samuel E King, R2 Box 112-B Quarryville, Pa 17566

MAILBOX MARKET

For Sale- 800 bu ear corn $125 per ton NH table blower 30 ft pipe $80, 3 section metal land roller $35 717-235-2032

For Sale Reg Holstein bull calf Sire Bud-Ranch Champion Standout Dam 19187m in 305 days 717-548 3512 Lanc Co

Wanted- Good used lumber for barn yard fence Also overhead door 10'x7' Lanc Co 717 665-7953

For Sale 955 Cat Loader, 12A series Excellent condition $6800 Ron Coover, 717-532 6540 Shippensburg Pa

For Sale- 1975 IH Cargostar 1810B truck w/21' alum van and hyd lift 392, V8, 5+2, 26,000 G V W Excellent condition, Columbia Co 717-925-6827

PRICES SLASHED
ON USED TRACTORS AND EQUIPMENT

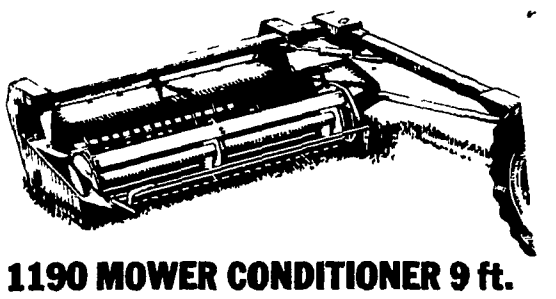
	Reg	SALE
International 455 4 Row Planter, Double Disk w/insecticide	1600 00	1400.00
Industrial 2606 Diesel Loader Backhoe	6700 00	4550.00
International 544	5150 00	3995.00
Ford 8N	2000 00	1595.00
B-275 Diesel, 3 pt Hitch	2250 00	1595.00
Farmall Super MTA, P S	2500.00	1895.00
Farmall 460	2750 00	2195.00
International 205 Combine with 13 Foot Platform, Pickup Reel, 72 Model	7550 00	6950.00

	Reg.	SALE
John Deere 336 Baler w/#30 thrower	~~$4500 00~~	3595.00
John Deere 14T Baler	~~750 00~~	495.00
Fox I-546 Harvester w/2 Row Row Crop & Pickup	~~1850.00~~	1095.00
IH #50 Forage Harvester w/Row Crop & Pickup, Engine Drive	~~2500 00~~	2000.00
Papec 54" Forage Blower	~~650 00~~	495.00
IH #1150 Grinder Mixer	~~3450 00~~	2495.00
Grove 16 foot Forage Box	~~1500 00~~	795.00
IH #40 Manure Spreader	~~750 00~~	495.00

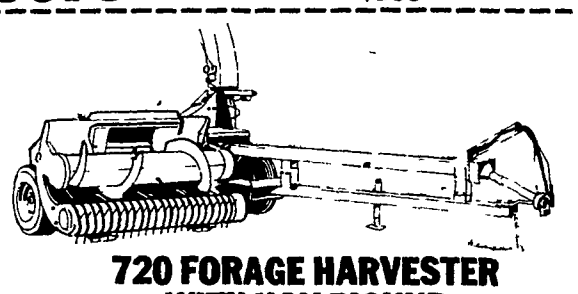
CREAM PUFFS

Int 1460 Axial flow combine - used 490 hours, w/6 row narrow corn head
Int. 1066 Diesel completely rebuilt, very, very clean
J D 4030 Diesel 77 model 495 hours
A C 190XT Series 3 with cab, 2100 hours, outstanding condition

NEW HAY SPECIALS



1190 MOWER CONDITIONER 9 ft.
$5675 Plus Customer Cash Payment $500



720 FORAGE HARVESTER WITH HAY PICKUP
$7985 Plus Customer Cash Payment $925

MODEL 35 HYDRAULIC DRIVE INTERNATIONAL RAKE
This machine will both rake and ted **$2095** Plus Customer Cash Payment $140

(2) 800 PLANTERS
Available for Immediate Delivery

ANNOUNCING WAIVER OF FINANCE

TILL JANUARY 1, 1982:
★ 2250 Mount-O-Matic Loaders
★ Manure Spreaders
★ Grinder Mixers

TILL SEPTEMBER 1, 1981:
★ Grain Drills
★ Chisel Plows
★ Moldboard Plows
★ Field Cultivators

SPECIAL PRICES ON SELECTED NEW TRACTORS AND EQUIPMENT

2250 International Mount-o-Matic Loader	$2195
384 Diesel Tractor	$8750
484 Diesel Tractor	$10,880
584 Diesel Tractor	$11,950
584 Diesel Row Crop Tractor	$12,250
84 Diesel Hydro Row Crop Tractor	$14,300
884 Diesel Row Crop Tractor	$16,300
786 Diesel Tractor	$19,500
1086 Diesel w/Roll Frame Tractor	$27,900

NEW 1980 MODEL INTERNATIONAL 1754

180 hp. diesel, 26,000 G.V.W., 206 in. wheelbase, dual 51 gal. step tanks, P.S., 5 speed transmission, 2 speed rear, 10:00 x 20 tires.

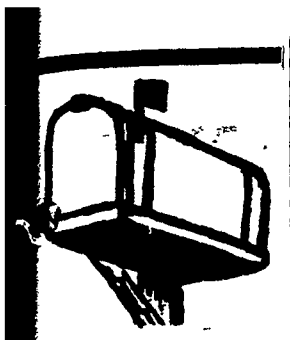
$19,750

USED TRUCK SPECIAL

1975 International 1700, 205 inch wheelbase, 26,000 G.V.W., P.S., 5 speed transmission, 2 speed rear, reinforced frame, tilt hood, 404 engine, inspected, good condition.

HERITAGE INTERNATIONAL INC.

★ TRY OUR CERTIFIED SERVICE
1054 SOUTH STATE ST., EPHRATA, PA 17520
PHONE 717-733-2283
★ WE HAVE PARTS TOO



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words, area code must be added to phone number and due to repeated requests, please include your county for buyer and seller convenience all advertisements must be mailed to the office by Tuesday or same will be held over for next week s paper, no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale Four ewe lambs, two white, one black, one brown, $50 each Toro Weed Eater, cordless $20. Myerstown, 717-933-4867

For Sale Sears Craftsman commercial 7" sander-grinder 1½ hp factory reconditioned $50 Chester 215-857-3248 8 10 p m

For Sale- 38 feeder pigs, Hampshire, Duroc, Yorkshire cross, weaned & wormed, App 100 bales straw, bright Call after 6 p m York Co 717-432-3382

For Sale- 17 Reg & grade Holstein bred heifers, due Sept Eastern Sires, Well grown, reasonable price, 717 687-7260 or 8893

For Sale 471 Detroit diesel power unit with power take off and pulley good cond , $2500 215 445 6021

For Sale Anyone interested in sand stone 330 ft of cemetery wall 215 267 2772

For Sale Four ewe lambs, two white, one black, one brown, $50 each Toro Weed Eater, cordless $20 Myerstown, 717-933-4867

For Sale Sears craftsman commercial 7" sander-grinder 1½ hp factory reconditioned $50 Chester 215 857 3248 8 10 p m

For Sale 38 feeder pigs, Hampshire, Duroc, Yorkshire cross, weaned & wormed, app weight, 30 45 lb app weight, 30-45 lb App 100 bales straw, bright Call after 6 p m York Co 717-432-8382

For Sale JD 480 haybine, very good condition, $600, NH 55 two wheel rake $650, NH 68 Baler $600 215-536-5182 Bucks Co

Wanted A pair of well broke mules for tobacco patch work 717-656 6147 Lanc Co

Wanted- A rundown farm in Northern Pa or Southern New York, Write Box 330, R3, Bernville, Pa 19506 or call 215-488 7422

Person, plain preferred, straighten & keep parts on farm and machine shop 4 days wk , transportation, Honey Book, Cames area only 215-4140

For Sale Tractor MF 35 w/f, 3 pt , live PTO, new rear tires & paint, looks & runs great, $3200 or best offer, 215-287 8668 Montg

MAILBOX MARKET

For Sale- Approx. 200 bu good heavy oats $2 80 bu 717-272-5798 or 273-2921 delivery can be arranged.

For Sale- Purebred reg Nubian dairy goats, for superior milk flavor and digestability Top pedigrees Various ages, both sexes available Gettysburg 717 334-7993

We will buy moldy grain, 301-833-1847

For Sale- 1964 F 600 Ford with 14' grain dump body also has a feed blower, 717 866-4286 Berks Co

For Sale- 275 gallon oil tank, good condition and old house logs, Henry S. Zook, 3103 W Newport Rd , Ronks #1, Pa

For Sale 400 sex-sal chickens, laying 9 mo Daniel M Beiler, 624 Willow Rd , Lanc Pa 17601.

For Sale- 2 400 lbs Simmental bulls, will castrate, 80 per pound 4 60 lbs bags Saranac AR 1981 seed $140 Berks Co 215-562-8347

For Sale- Grade Holstein heifers from 3 to 15 months old, Vacc & T B tested Isaac S Miller, Christiana, Pa Lanc Co , Box 153 17509

Wanted- Honey bee swarms, East Earl area, Lanc Co 215-445 4263

For Sale- Unadilla silo doors, used, 717-867-1356 after 6 p.m

For Sale- Sauder loader brackets for 574, $35 Puppies, German mix $5 You cut firewood, $20 pickup load, Leb 717-272-0041

For Sale- 6 steel sash, 4x4x6 lt 7-5 ft concrete lintels $25 and red maple bedroom suite 25 00 Lanc Co 717-284-4941

For Sale- NH 455 mower on wheels very good $595 Surge 85 plus Almo milker pump, 5 hp motor $975 JD crimper $195. D2 Cat runs good, 7,000 mowers $1975 717-354-0266

For Sale- 6' rotary mower, 20' cardinal elevator, 12' JD harrow, 8' JD Disk, York Co. 717-927-9147.

For Sale- IHC 24B offset disc harrow, 8 ft with 22 inch blades, $200 Joe H Zimmerman, R1, Leola, Pa 17540.

For Sale- MF 12' 3 pt disc harrow, fiar cond , $500 Allied Grinder mixer, fair cond., $875 UD 18 Int motor for parts, Fulton Co. 814-685 3335

For Sale- Two Holstein feeder steers, twelve weeks, $130 each Also, Araucana chickens and hatching eggs. Northampton Co - 215-588-5791

For Sale- Int 4 row fast hitch cultivators, Int 5 bottom fast- hitch plow, good- condition, 301-848-6395, Carroll Co , Westminster Maryland

For Sale- '51 White S/A gas tractor Excel cond /rubber - latest inspec Runs/looks great, Chester Co $1500 215-827-7819

For Sale- 1980 Honda 400 automatic, fairing, bags, luggage rack and back rest, excellent condition, low mileage, Lanc Co 717-367-4359

For Rent- 30 acres pasture with stream, also horse boarding, S. York Co 717-927-9037.

For Sale- AC "G" with cultivators. Excellent $1295 Loader also available JD #50 side mounted mower Fits 3020 4020 & other $395 Lanc. Co 717-548-2559

For Sale- JD 24T baler w/kicker v g cond , $1595 4 AG Star farrowing crates w/dividers, self water, & feed doors $150 per unit, high sided bale wagon $450 215-445-4038 Lanc

For Sale- S-R-1 8 hp Lister diesel with speed clutch - starter - alt and auto stop for air system John D. Glick, R1 Paradise, Pa 17562

MAILBOX MARKET

For Sale- Steel tractor wheels, 4 ft high, 13" wide, 22" center, $200 Bottled gas, Egg Washer, $25 Stephen L Beiler, Box 222 R1, Christiana, Pa 17509

For Sale MC No 9 trailer gear mower, 6' 7' MC 2 horse cultv , 2 row potato planter, priced to sell 717-656 9548

For Sale- Single bottom 16" pull type Oliver plow Also two row Oliver pull type corn planter as is has fertilizer attach, but needs a little work, Lanc Co after 6 p m 717-367-8412

For Sale- 4 large walnut trees to highest bidder easy access 215-445-6453 Lanc Co

Wanted Large cog wheel for an 8 ft JD grain binder gear box Contact Amos M Stoltzfus, 2457 Stumptown Rd , Bird-in-Hand, Pa 17505 Lanc Co

For Lease - Holstein 1st calf heifer fresh 2 weeks milking, 50 lbs 717-687 8893

For Sale- Five holstein heifers, started, 5-10 weeks old, one registered, the rest out of good dams and sires Transmitter & Burke, $250 each. 717-384-4220 Luz Co

For Sale- 1 pr 600x16 tires tube & wheel 6 hole 3¾ inch center hub. 1 pr. 550x16 front tractor tires half tread York Co. 717-432-5047

For Sale- Charolais feeder steers and heifers also New Holland Model 270 hayliner baler in excellent cond , ready for field, Sch Co 717-345-4489.

Wanted- A used stainless steel double wash tub for the milkhouse, Leb. Co 717-867-4165

For Sale- Dump body 7x10 complete loaded on your tk, $450 Dodge 413 Engine, good cond $400 215-584-9022 eve

Wanted- New Zealand Giant rabbit - female. For Sale- Two registered Nubian buck kids, $75 One registered Nubian doe kid, $125. 304-267-2660 Martinsburg, W.Va

For Sale- MF 65 Diesel, good shape WFE $3800 9 ft double cultipacker, md $175 2-12" Ford plow, 3 pt hookup, $175 Leb Co 717-866-4836

For Sale- Woods rotary mower, 5 ft width, $475 Ferguson hay rake, 6 bars $400 Both excellent cond , 717-367-4940 Lanc Co

For Sale- 10 MF suitcase weights with hold down bolts 215-469-6439 Chester Co

For Sale- NH 479 haybine, 717-626-5033 Lanc Co

Wanted- 400 or 600 egg incubator 717-755-4785 York Co

For Sale- 1974 14 hp Ford garden tractor, hydrostatic trans w/36" roto-tiller, 42" snowblower, lot of extras, mint condition, $2450/offer 717-838-4964

Wanted- Carrying milk pails, low milk strainer, stainless steel H L Stoltzfus, Centerville Rd , Gordonville, Pa 17529

For Sale- NH 351 grinder mixer, mod 530 Ford baler w/thrower, Ferguson 40 tractor, Ford 3 pt corn pltr IH 806 gas tractor. 717-653-4839

For Sale- 2 JD 999 corn planters, 25 sets of plates and adapter or for parts Parts for a JD No. 8 tractor grass mower Wayne S Nolt, RD1 Musser Rd , East Earl, PA 17519

For Sale- 17 Reg & grade Holstein bred heifers, due Sept Eastern Sires, Well grown, reasonable price, 717-687-7260 or 8893

For Sale- 471 Detroit diesel power unit with power take-off and pulley good cond., $2500 215-445-6021

For Sale- Anyone interested in sand stone 330 ft of cemetery wall 215-267-2772

MAILBOX MARKET

For Sale- 22" McCormick Deering Threshing Machine with belts, been kept in barn Somerset Co , Pa 814-634-0528 or 634 8120

Trailer hitch w/sway control $100 Hip Boots Sz 9 - excell $14 Chest Waders - Sz 9 excell $15 Above ground swim pool - make offer, 717 569-3958 Lanc Co

For Sale Morgan Stallion named Devon Robin Dark chestnut, Levi J Yoder, 20495 Stony Road, Willow Hill, Pa 17271

For Sale- Packard Clipper Classic 4 door body excellent, motor runs good, new paint, good tires, latest inspection, 814-367 5469

Wanted- 2 & 4 cyl Wisconsin engines with or without reduction gears (any condition) For Sale VF4 with 4 to 1 clutch reduction, rebuilt, $775 Samuel S Stoltzfus, 2447 Stumptown Rd , Bird-in Hand, Pa 17505

For Sale- No 404 New Holland hay crusher, Patz barn cleaner, high moisture corn from sealed storage Free puppies Lebanon Co 717-838-6184

For Sale Hesston 110 self propelled haybine, $1100 NH 258 rake, $1100 NH 24' hay and grain elevator $250 JD 495 corn planter, disc opening, $500 717-964-3369 Leb Co

For Sale McCormick Dozer, less engine good under carriage $600 Fordson on steel, $150 Model A engine $100 Somerset Co NJ, 201-722-5317

For Sale- 12 hole hog feeder, 16 ft gooseneck trailer, 7000 JD plateless planter, 717-532-8236 Franklin Co

For Sale- Portable air compressor on wheels with 30 gal. tank with 1 hp compressor with 5 hp engine used 4 yrs excellent cond , $250 Abram F Stoltzfus, 2936B Stumptown Rd , Ronks, Pa

For Sale- Beautiful purebred white & red shorthorn breeding bulls & roan heifers Camper on 66 Dodge pickup 64,000 mi (York Co) R3, Box 42 Red Lion, Pa 17356

Reg Bluetick Coohounds, extra long ears, also Australia Shephard, 10 mo old, sell or trade for livestock or equipment 717-889-3531 Schuylkill

For Sale- Alfafa hay and timothy hay, Lancaster Co 717 786-3435

For Sale- 10 ft Brillion seeder with transport wheels Pittsburg 3 pt 7 ft rotary hoe - both like new condition, Garrett Co 301-334-4129

Home raised beef calves, 9 steers - 4 hfrs , hereford & hereford-angus cross Sch Co after dark, 717-345 4498

For Sale- Perfection 4 burner oil stove & portable baker Eli Z Byler, R1 5 AW White Oak Rd, Paradise, Pa 1 mile west of Nickel Mines, Lanc Co

Coming 2 yr old Reg Belgium blond, white mane & tail, full strip Sired by Convincer, NY Grand Champion 1976, 1977, Lyc. Co 717-398-0477

For Sale- Black Columbian range, JD #4 mower, 2 row tractor cultivator, $75 4 new overhead doors, 9'x7' 10'x6'6", 8x 6'6", 18'6" 12'7 ', Ben R Beiler, R1 Kirkwood, Pa 17566

For Sale- New Oak hay racks, 16'x8'x7' high $440 8 ton gear $415 20' oak feeding rack, feeds on sides on back and front, $440 Lanc Co 717-733-6825

For Sale NI tobacco planter, tomato baskets, NH No 53 bale thrower, 1 Contnal power unit 1 set of steel wheels for AC WD 45 tractor, Joe S Stoltzfus, Box 204 Kinzer, Pa 17535

MAILBOX MARKET

For Sale Mixed hay by ton or bale, $60 a ton or 90 cents a bale, 301-346 7506 Carroll Co Md

For Sale- Chev Pickup truck - 4x4 heavy duty ½ ton - '69 in very good cond , $2400 Lanc Co 717 665-9351

Wanted- To buy 300-400 bushel soybeans for feed John Siegrist, Berks Co 717-933-5368

For Sale- Reg spotted, Yorkshire, Landrace & Hampshire boars, 717-426-1539

For Sale- White Embden goslings 215-445-5734

For Sale- Farmall A tractor, excellent condition, new paint and recently overhauled, PTO, pulley, mounted plow and cultivators, best offer, Perry Co 717-582-2653

For Sale- (2) 14 9x26 in combine wheels, 1 new woods 59 mower to fit cub - new JD 2510 D short block - new York Co evenings 717-292-4245

For Sale- Suffolk male lamb and 40 guineas hens, 567-3458 Perry Co

For Sale- 5 Reg Holstein heifers to start freshening Aug Records on dams over 17,000, also 3 grades will freshen fall, Lanc Co 717-367-2015

For Sale- 10 feeder pigs and 6 boar hogs, Bennie E Kauffman, 252A Bell Rd , Christiana, Pa 17509

For Sale- Reg Belgian stallion with stripe and white mane & tail David J Yoder, R1 Box 55 Meyersdale, Pa 15552

For Sale- IH #1000 mower, IH #440 kickup baler NI #47 rake & tedder also 2 - 7 ton wagons, York Co 717-927-6364

For Sale- AKC Boston terrier pup, 10 weeks old, 656-8445

Wanted- Started calves, any breed 717-665 4170 Lanc Co

For Sale- NH 479 haybine, good cond , $2500 New Idea 5-wheel rake, $400. Lanc. Co 717-665-6842.

For Sale- Ford 400-M engine, 1977 complete with standard shift, bell housing, clutch and fly wheel, running condition, $150 717-529-6715

For Sale- 3 yr. old Charolais bull, perfect frame & muscle, 62 cents lb #401 IH harrow, 12 ft. transport, $500 North'd Co 717-758-1714

For Sale- 1969 F600 Ford Truck - cab & chassis, good running condition, North'd Co 717 758-6221 - before 8 a m or after 6 p m

For Sale- 7 week old broad breasted white turkey poults, $4 00 each Lanc. Co 717-665-5513

For Sale- Goats. Kids and milkers, Fr and Grade Alpines, York Co 717-757-1960

For Sale- 1800 tobacco lathe, call 717-626 4191

For Sale- 7 tooth soil saver, 20 ft harvester grain auger unloader, both good condition Leb Co 867-2777

For Sale- 100 IH mower, $125, field ready 5' 3 pt. Bush Hog rotary mower, $400, field ready 302-994 5266

For Sale- Cute Billy kids, $25 Also Reg Nubian goat stud service Lititz, Lanc. Co 717-627-1724

For Sale- Rockwell 10 inch motorized table saw, good condition, $285 215 445-4935 Lanc Co

For Sale 24 Standard comfort stalls in good condition, available in Mid July, Lanc Co 717-687-6694

For Sale- Lazy J horsetrailer, 7' height, open sides, walk through, extras Excellent cond , 301-452-5057 evenings Harford Co

For Sale 6 yr old sorrel mule with snap and 75 ft rubber matting, 4' wide Elam L Stoltzfus, R3 Box 78, Quarryville, Pa 17566

MAILBOX MARKET

Young couple looking for apartment in Manheim, Lititz, or surrounding communities starting July 1st Call 665-4146 anytime after 6 or 626-1198 anytime after 5

For Sale- Farm Wagon, 5 ton running gear, 18 ft bed, 2 ft sides and 8 ft wide, would make a good truck bed, 717-244 3024 York Co

For Sale- 2 seated carriage, like new and a Wisconsin engine in good condition and a McCormick Deering riding cultivator 717-354 0616 Lanc Co

For Sale- Used flat wagon, two horse wagon, potato plow, antique 2 way walking plow Aaron M Reiff, 1935 Rothsville Rd , Lititz, Pa 17543

For Sale- Amish Buggy with roller bearings in good shape, Jacob E Beiler, RD2, New Holland, Pa 17557

For Sale- 73 Pinto, Good Shape, $350 717-866-4601

For Sale- 750 tile silo staves, hoops, doors and door frames Call around 8 p m , 215-445-7156

For Sale- 11 5x28 tire - tub $100 5- 650-16 6 ply $125 4 yr Appaloosa mare, $500 York Co 717-252-3589

MAILBOX MARKET

For Sale- Gang Mower, 5' cut, good condition, 717-656-9013

For Sale- 8 dairy heifers, due mid to later summer, 1 Brown Swiss, 1 Red & White Holstein, 6 Black & White Holsteins, 717-532-7590 Cumberland Co , Pa

Wanted- Ensilage cutter in good condition, also tobacco lath For Sale 500 gal air tank Jonas K Stoltzfus, #1 Box 198 Christiana, Pa at Bartville

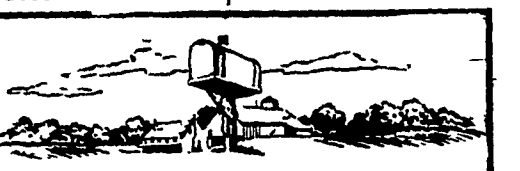
For Sale Truck cap for 6' bed, used on Chevy Luv, has side windows w/vents Good condition, $175, 717-626 5254 after 6

For Sale- Chihuahua pups, fawn color, also Keeshond pups Benuel M Fisher, 3 mi south of New Holland, Peters Rd east of Smucker Diesel, Lanc Co

For Sale- 75 Choice feeder pigs - 3 way cross, 215-445-5796

Wanted- Buggy with brakes, good condition, Benj S Stoltzfus, Hess Rd , Leola

Free fill, five or more truck load concrete slab and dirt you haul Noah H Martin, New Holland Rt 1 17557 North Railroad Ave



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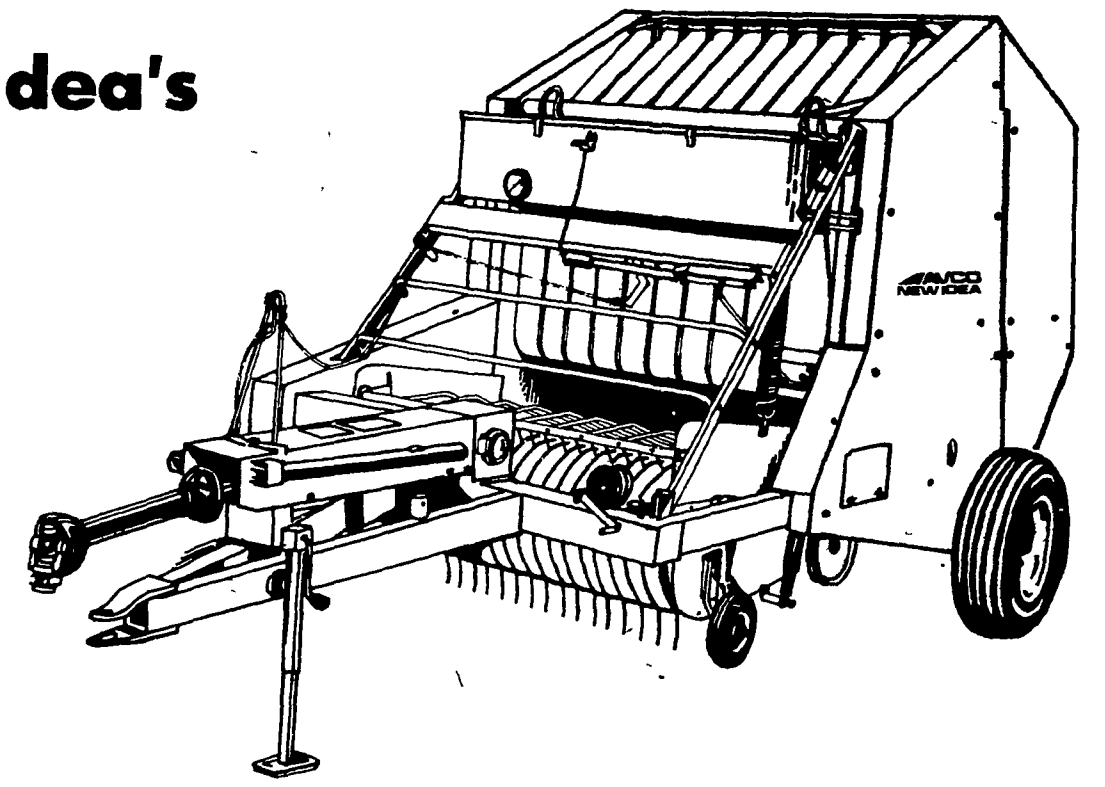

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Susquehannock State Park, a family retreat

BY SUSAN KAUFFMAN
Staff Correspondent

This month of May marks the sixteenth anniversary of the opening of Lancaster County's only state park.

For these last sixteen years, this scenic, quiet, non-commercial state park has remained practically unknown to most of the surrounding population areas. Local neighbors often picnicked, hiked or played ball there but it was not until the possibility that the park might be bought by Philadelphia Electric that it made its mark in the public eye.

According to park foreman, Oliver Sheaffer, the 224 acre Susquehannock State Park opened to the public in May of 1965. Sheaffer has been foreman there for the last ten years. He has seen the facilities at the park expand gradually over this last decade. He also noted the great surge of interest generated in the totally non-commercial park since the public announcement of the possibility of the park's being acquired by Philadelphia Electric.

After holding public hearings and considering all sides of the issue, the State continues to maintain Susquehannock Park as its sole Lancaster County state park. Local residents and outsiders as well were heartened by the news that the park would remain in the state's Department of Environmental Resources and therefore remain a natural setting for family and group recreation.

A recent visit to the park for photographic purposes proved to present plenty of evidence to support the notion that the park is a peaceful, restful bit of nature saved for drinking in the beauty of rolling, grassy hills which are trimmed by forests filled with trails for hiking and horseback riding.

The dogwood bloomed this May, according to Sheaffer prettier than in any of the other springs in the ten years he has worked there. The fields and dogwood were strikingly reminiscent of Valley Forge, better known for its natural beatuy among the general public.

With the recent attention of the possible purchase, the park has, almost suddenly it seems, just been discovered by the people in the surrounding areas. Until recently, it was used for family gatherings and local scout and other youth organizations.

Sheaffer noted that many Amish gatherings especially during their holidays come to the Park for recreation as well. Hitching rails are provided for the horses of Amish and riding club groups and ample parking lots are provided for automobiles. Much of the park, however, is accessible only by foot or horseback trails.

Oliver Shaeffer, park foreman at the Susquehannock State Park, takes care of the grounds and the nature trails. He says he feels the park is a great place for families to come for rest and relaxation.

The Susquehannock State Park is located on a wooded plateau high above the Susquehanna River in Southern Lancaster County. It rises up out of the River Hills area and commands a scenic spot from which to view the river and several sites within the visible boundaries from the overlook area of the park.

These dogwood trees highlight the edge of the open meadow at the park. If hiking isn't your forte, you can always play a game of ball in the meadows.

Beautiful trees, the Susquehanna River flowing in the background, self-guided tours and clean grounds all grace the State Park in Lancaster County.

From the overlook one can easily see across the river one of the largest nuclear power plants in the world. The Peach Bottom, York County, plant contains three units and has been in operation since the early sixties. It is owned and operated by Philadelphia Electric.

Also a part of the Philadelphia Electric's enterprises in the area is the Conowingo Dam Reservoir. The backed-up water from the high dam-breast built in Maryland just below the state line is fourteen miles long and one mile wide. The "lake" has a maximum depth of 109 feet. Small boats operated by pleasure fishermen can be seen plying their way up and down and across the lake.

As the boats reach the upper end of the "lake" and draw almost directly opposite from the west-shore Peach Bottom Atomic power plant, the boats will pass by an island which appears to be nearly round in circumference and rising in the center to a perfect cone-shape.

The irony is that this island, so close to the early nuclear power plant, is the world's first Bald Eagle sanctuary. The island is called Mt. Johnson Island.

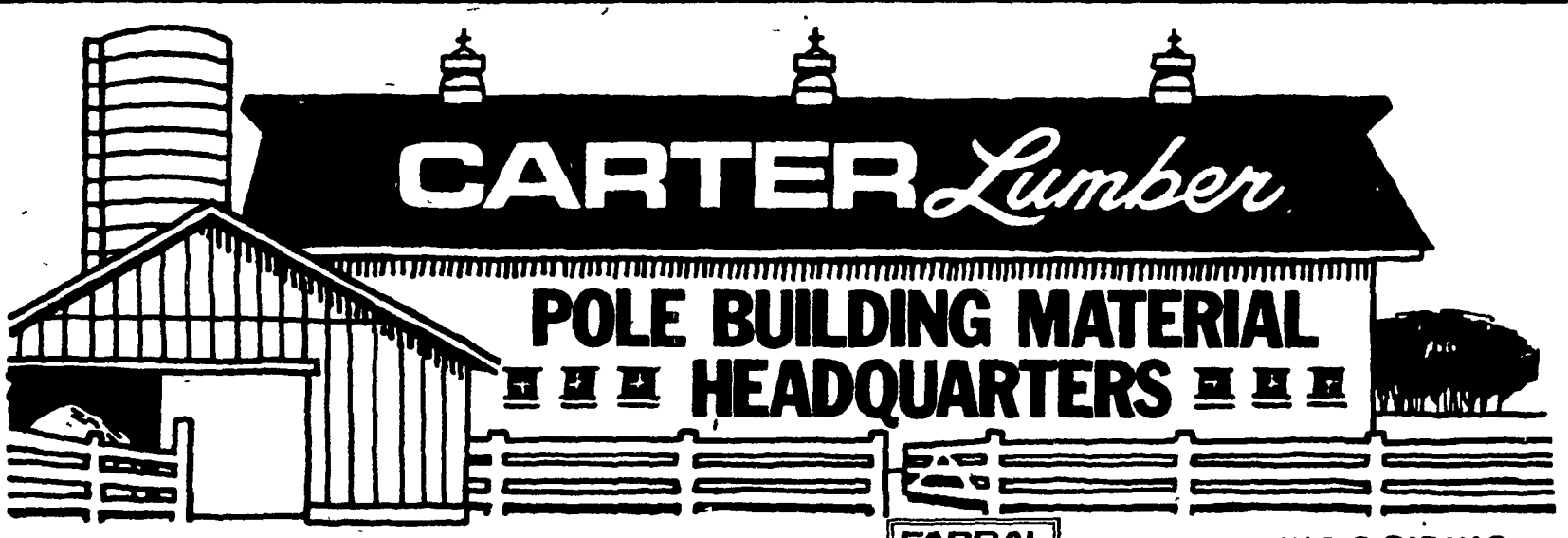
At the base of the steep hill atop which the outlook rests are the Pennsylvania Railroad tracks laid in 1877 and now operated by Conrail.

Prior to the railroad's coming through the county, the river was used as a primary means for transporting goods into the Commonwealth through a series of canals on the Western shore in York County. The Susquehanna Canal was put into operation in 1840 and taken out of service in 1894.

(Turn to Page C4)

This little hiker stops to look at a bit of nature's wonders along the self-guided nature trail at the Susquehanna State Park.

Homestead Notes



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2"x10"	4.85	6.07	7.28	8.49	9.71	11.22	12.47
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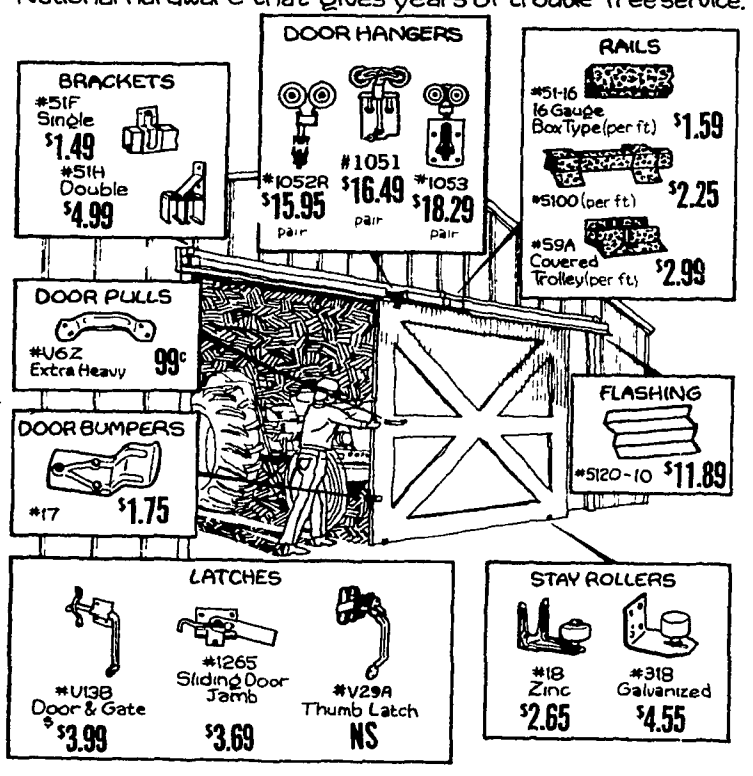

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12'	18.02	15.91	11.72	8.84
14'	21.02	18.56	13.68	—
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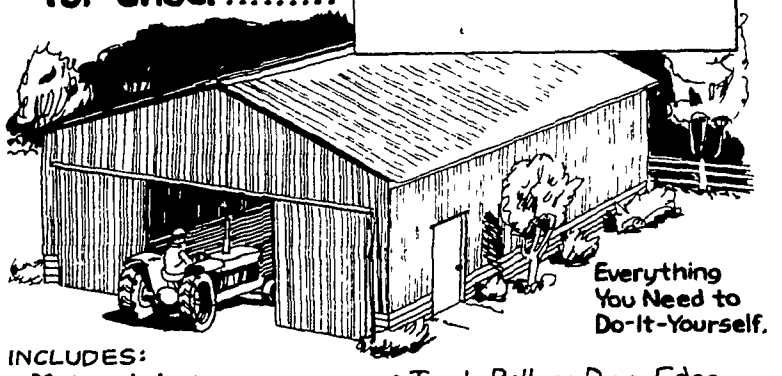

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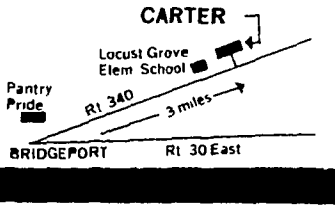

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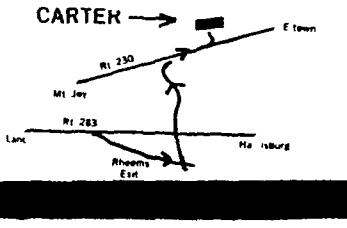


Susquehannock State Park

(Continued from Page C2)

Part of the canal is still accessible to the public directly above the Holtwood dambreast, which can also be seen from the lookout at the park. The Holtwood Dam is owned by Pennsylvania Power and Light and is a hydro-electric steam generated plant.

Just below the dam on the Lancaster County shoreline is another electric generating site, the Muddy Run plant. Water is pumped from the river, by turbines which run backwards, into the Muddy Run Lake. The lake is then drawn down when water flows through the same turbines to generate electricity. This generating facility is the most recent one in the area. Conowingo and Holtwood date back several decades.

Although the river area in close view of the overlook at the park proves to hold several energy-generating facilities devised to meet modern, industrial needs, the State in sharp contrast maintains only basic necessities at the Susquehannock State Park.

Drinking water is provided throughout the park by hand pumping from wells. The pump nearest the overlook draws its water, according to Sheaffer, from a well in excess of three hundred feet down. One toddler became somewhat impatient waiting through twenty-odd pumps of the handle for a drink. Thre was no stepping on a foot pedal and instant water at that pump.

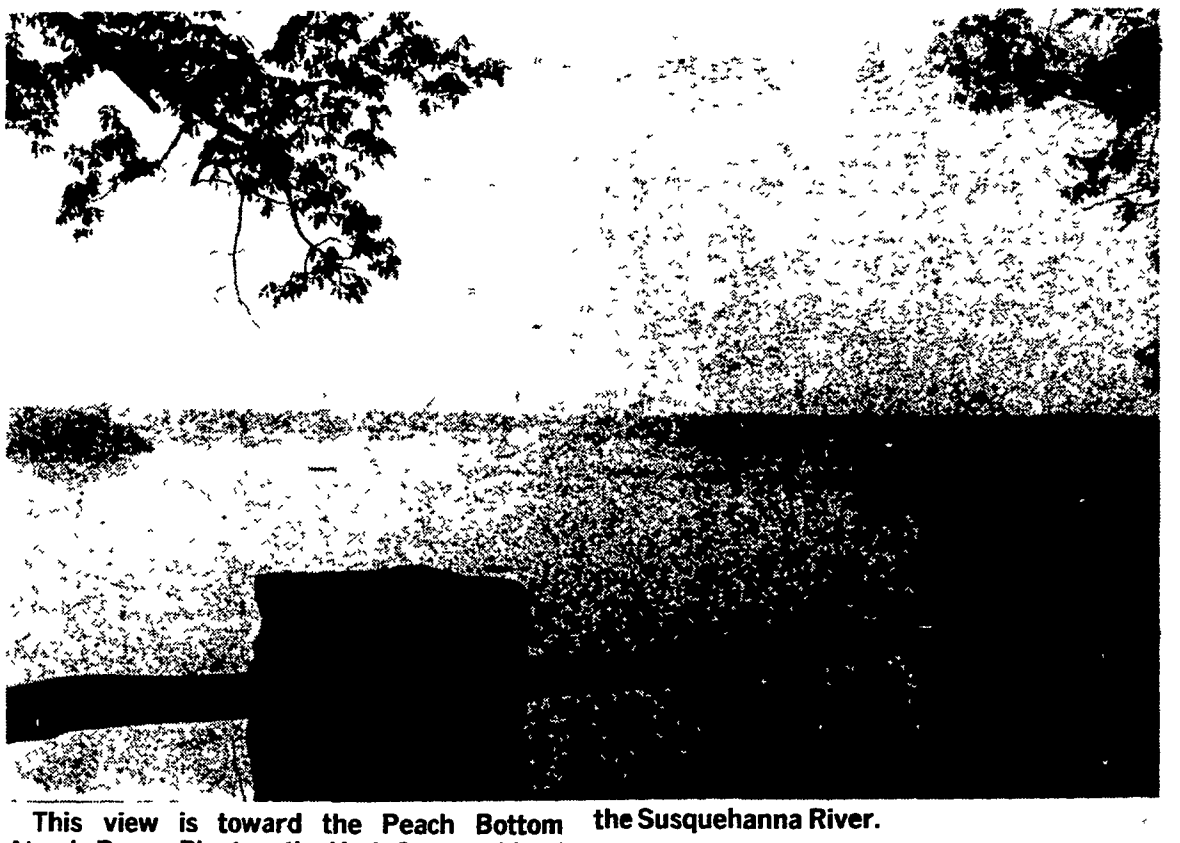
Several picnic areas spread throughout the park grounds provide a total of 150 picnic tables, drinking water and comfort stations. Many stationary grills also provide safe places for cooking picnic foods. A baseball field and play area are located near the park office at the entrance to the park.

Sheaffer said that the State can now have proper insurance coverage to allow many more recreational swings and slides and the like. The park hopes to reach the local clubs and civic organizations for donations of these types of equipment. Recently several benches were erected in memory of the late Drumore Township supervisor, Wilbur Stauffer.

Many trails throughout the park and adjoining grounds of Conrail and the Philadelphia Electric Company offer beautiful settings for horseback riding in the river hills.

Non-profit adult and youth groups may reserve space in the organized group tenting area for overnight use. The site can be used for as many as three hundred people. Sheaffer said the camping area has been used the past few weekends by middle school youths and scouts. There is no plan to allow campers into the park. Tenting is the only camping allowed by groups.

For those who prefer to walk after a picnic, there are a number of trails throughout the park. The self-guiding natural trail is very popular. A guide book which explains various spots along the trail designated by numbered posts points out such facets of nature as a tree once struck by lightening, the growth of a forest where once a meadow lay, the decaying of old trees for new growth, and many plants and tree types abounding in the area. The self-guided trail takes about thirty minutes to complete.



This view is toward the Peach Bottom Atomic Power Plant on the York County side of the Susquehanna River.

Two trails, the Pine Tree and Plate's Eddy, named for an inn which was used by raftsmen during the 1870's, are steep and rocky.

Sheaffer said the Rhododendron Trail is especially nice this time of year. Many native Holly and dogwood trees as well as large growths of rhododendron can be found along these many trails.

In the next few months, additional expansion of facilities to meet the needs of more visitors, but also in keeping with the more primitive setting as compared to commercial recreational parks, will be installed according to Sheaffer. These include a pavillion, another ball field, and more swings for smaller visitors.

Sheaffer said the park is the only state park in Lancaster County and it only costs the residents of the county about fifteen or sixteen cents each to maintain it.

"It really should be used by the residents," he added. "It is a good bargain, a nice place for them to come to."

He added that many more groups are taking the opportunity to come. The park is within short driving distance of several surrounding metropolitan areas which constantly seek out recreational facilities. Susquehannock Park is under the administration of the Department of Environmental Resources Bureau of State Parks, which is responsible to develop, maintain, police and preserve public lands for the purpose of promoting healthful outdoor recreation and education.

During this busy spring season, set aside a day for the family to leave the homestead and go to a state park, if not Susquehannock State Park, one of those close to you. Farm families sometimes complain they don't need to relax out of doors; they work there all the time. But a special day set aside for recreation and education could be the spring tonic weary farm families need.

For more information on the park, write to Susquehannock State Park, Department of Environmental Resources, R1, Elverson, PA, 19520 Phone 215-582-1514

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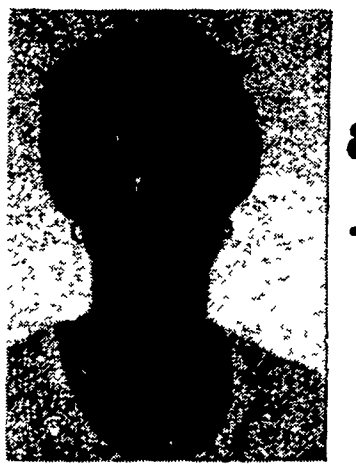

On being a farm wife - And other hazards

Joyce Bupp

A scowl crossed his face and his mouth drooped in a pout.

I had mentioned - no, I had ordered - that, if we were going to get through this 4-H demonstration the youngsters planned to prepare, someone had better get a move on and start practicing. That suggestion hadn't suited him at that particular moment, and our son's long face was the result.

"Oh, don't look so grouchy," I teased.

"I'm not grouchy," he rebuted. "I just like to keep my eyebrows down low like this."

His sister and I cracked up, laughing so hard that he had to give in and grin, too.

Instantly, the lowered eyebrows raised to their normal, happy location on this nine-year-old countenance.

But, "I'm just keeping my eyebrows low" has become synonymous in this farm household with being perturbed or frustrated about something.

And I've noticed that certain events can trigger me, too, to drop these eyebrows to the low-tide mark on my face. Like:

—the well-aged groundhog I ran through the lawnmower after we had removed it from the yard at least three times;

—trying to move Peggy and Hallie, the "hardheads" of the dairy herd, into their proper stalls after they've tried out at least a half-dozen of the wrong ones;

—cows that bawl to be let out, and then stand at the gate a half-hour later bawling to be let back in;

—the nail that poked up through the right rear tire of my car;

—holes in two brand new pairs of socks that we found as we removed them from the plastic packaging (and they're going back!);

—the checkbook stub balance which never, never, never agrees with the balance on the bank statement;

—dealing with people who go through life with permanently lowered eyebrows.

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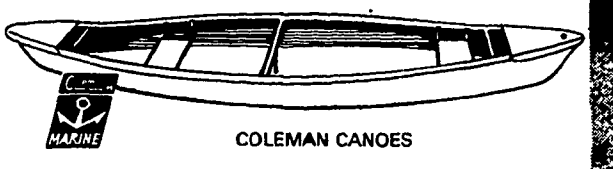

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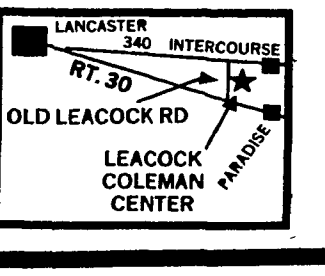
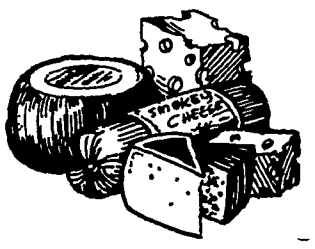
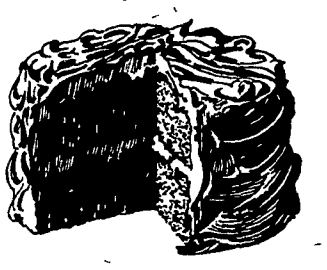




Home On The Range



Try an eggstraordinary dish

May is egg month which makes it a very eggciting month!

Eggs are one of today's best food buys. And you can do more things with eggs than you probably ever realized.

Eggs are being used for every meal because of their high nutrient content; not just breakfast. If you've baked a cake lately, you probably used an egg or two in the recipe. If you've fried chicken, you may have coated the chicken with egg to make the coating stay. French toast, pancakes and waffles, all traditional breakfast dishes, each use eggs in their recipes.

We have lots of great egg recipes for your lunch and supper meals too. Don't limit eggs to breakfast, begin to create great meals with these recipes.

WORLD'S EASIEST SOUFFLE

butter
grated Parmesan cheese
4 eggs
4 ounces sharp Cheddar cheese, cubed
1 pkg. cream cheese, cubed
1/3 c. milk, light cream or half and half
1/4 c. grated Parmesan cheese
1/2 c. teaspoon onion salt
1/2 t. dry mustard

Butter bottom and sides of 1-quart souffle dish or casserole. Dust with Parmesan cheese. Set aside. Combine remaining ingredients in blender container. Cover and blend at medium speed until smooth, about 30 seconds. Carefully pour into prepared dish. Bake in preheated 350 degree oven 25 to 30 minutes or until puffy and delicately browned. Serve immediately.

SUPPER IN A SKILLET

3/4 c. uncooked rice
1 can condensed cream of celery soup, undiluted
3/4 c. water
1 T. butter
1 pkg. frozen peas, separated
1 can sliced mushrooms, drained
6 eggs
1/2 c. shredded Swiss cheese
parsley, optional

In large fry pan or skillet, combine rice, soup, water and butter. Cover and bring to boil. Reduce heat to simmering. Simmer covered 5 minutes. Stir in frozen peas and simmer covered another 5 minutes. Stir in mushrooms. Make 6 indentations in rice mixture. Break an egg into each indentation. Cover and continue cooking over low to medium heat until eggs are almost set, about 3 to 5 minutes. Sprinkle with cheese. Cover and cook until eggs are desired degree of doneness about 5 to 7 minutes. Garnish with parsley, if desired.

MAKE AN OMELET

Mix eggs, salt and pepper until blended.

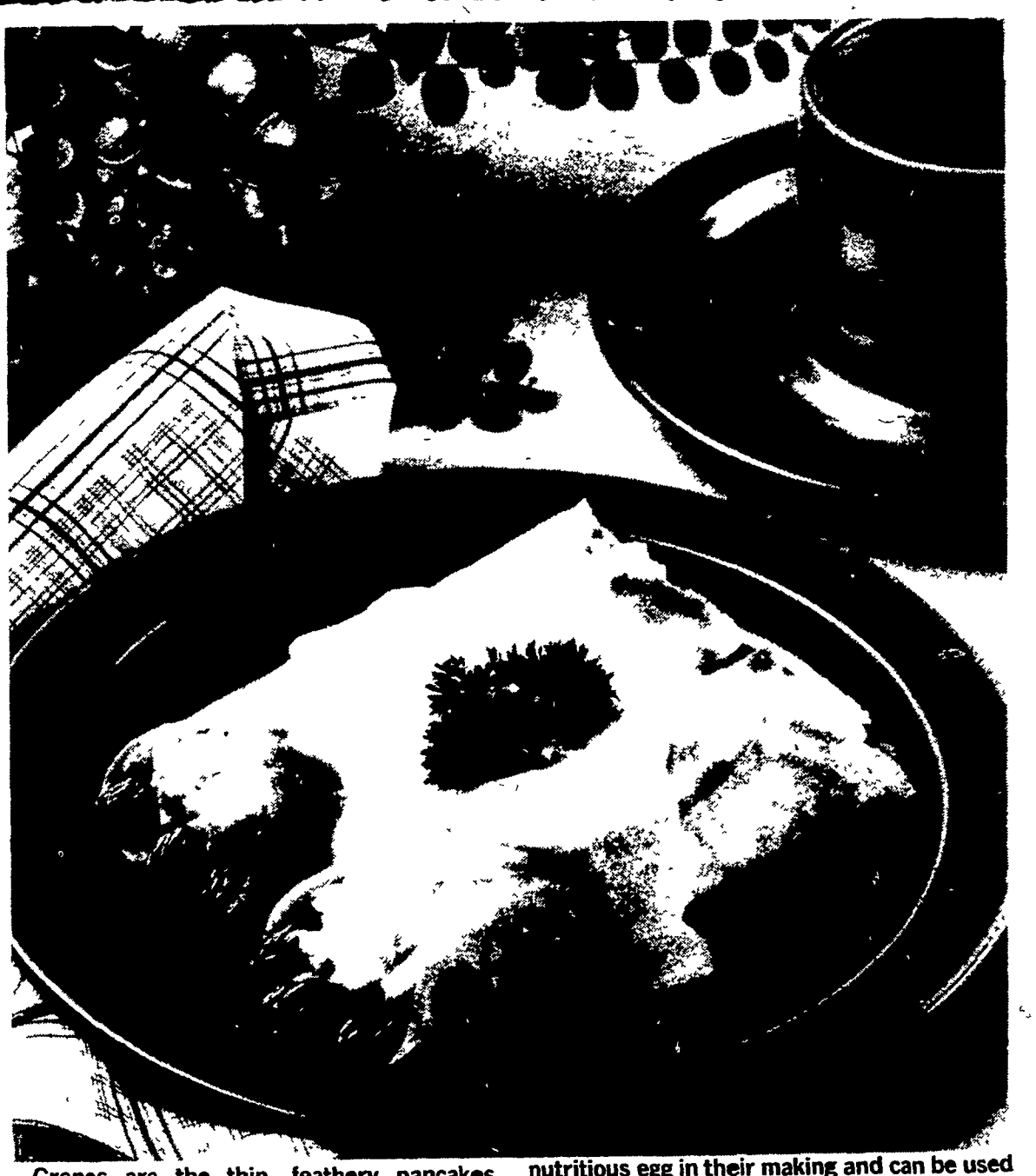
Heat butter in omelet pan or skillet over medium-high heat until butter foams. Pour in egg mixture.

With inverted pancake turner, push cooked portions at edges toward center.

Tilt pan and move cooked portions so uncooked portions can reach hot pan surface.

Fill while top is still moist and creamy-looking with pepper, mushrooms, ham, cheese or whatever you desire.

Invert omelet onto plate or slide from pan onto plate.



Crepes are the thin, feathery pancakes attributed to Thomas Jefferson's French chef, Etienne Lemaire. They employ the incrèdible, nutritious egg in their making and can be used as main dishes as well as dessert fillings. Try some of the delicious egg recipes listed here.

COUNTRY BRUNCH

6 slices bacon
3/4 c. chopped green pepper
1/2 c. chopped onion
6 c. frozen hash brown potatoes, cubed
1 t. salt
1/4 t. pepper
6 eggs
1/2 c. shredded Cheddar cheese

Cook bacon in 10 to 12 inch skillet until crisp; remove from skillet. Pour off all but 3 T. bacon drippings. Add green-pepper, onion, potatoes, salt and pepper; cover and cook 10 minutes. Remove cover, lift mixture with pancake turner to thoroughly turn and mix potatoes. Cover and cook 10 additional minutes. Thoroughly mix potatoes again. Make 6 indentations in potato mixture; break egg into each indentation. Cover and cook over low heat until eggs are almost set, about 3 minutes. Sprinkle with cheese; crumble bacon over all. Cover; continue cooking until eggs are of desired doneness, about 5 minutes.

EGG SPREAD

6 hard boiled eggs
1 t. onion powder
1/2 t. garlic powder
4 t. brown mustard
2 t. tomato sauce
1 t. lemon juice
1/2 t. celery salt
8 T. cream
1 T. wheat germ, optional

Blend 3 seconds and spread on crackers.

Barbara Russell, Pine Bush, NY

BOSTON CREAM PIE

4 egg yolks
9 T. water
1 1/2 c. sugar
2 c. flour
3 t. baking powder
1/2 t. salt
4 egg whites

Beat egg yolks, add water, beat again, add sugar slowly while beating. Add dry ingredients. Mix well. Blend in stiffly beaten egg whites. Bake at 350 degrees for 1/2 hour.

FILLING

3 c. milk
1 heaping T. flour
1 heaping T. cornstarch
2 eggs
1 cup sugar
butter and vanilla

Scald milk. Beat eggs and add cornstarch, flour and sugar. Beat well. Stir into milk and bring to a boil. Add butter and vanilla. Cool.

TOPPING

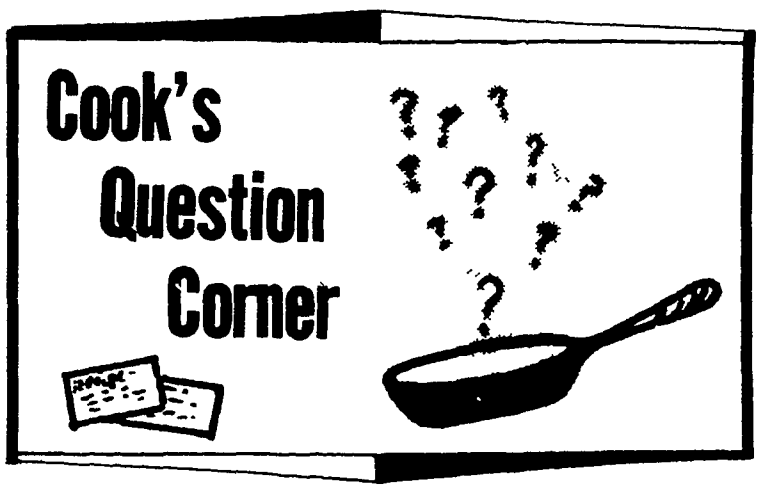
2 t. cocoa
1 c. sugar
1 c. hot water
1 T. cornstarch
1 T. butter
1/8 t. salt
1 t. vanilla

Mix cocoa, hot water and sugar and salt. Bring to a boil. Mix cornstarch with water and stir in. Add butter and vanilla. Cool.

Use 2 small or 1 large pan and cut in half for filling.

Linda Miller, Lancaster

(Turn to Page C8)



ANSWERS - Some time ago Mrs. Ervin Fassett of East Springfield, N.Y., was looking for a supplier of a Spatzel Machine. Several years ago I purchased one from Lekvar By The Barrel, 1577 First Ave. (corner of 82nd St.), New York, N.Y., 10028.

She may want to write and see if they still carry them. Or she can order their catalog. They also have a store at 968 Second Ave., New York.

Recipe Topics

May	
16	Eggs for Egg Month
23	Fish
30	Your favorite recipe
June	Dairy recipes all month long!

Dairy Recipes Wanted!

In June, **Lancaster Farming** will feature dairy recipes for the entire month Here is your chance, whether or not you are actively involved in dairying to send in your favorite recipe using milk, cheese, or any other dairy product

Home on the Range is your recipe column and we need your recipe to fill it Only four weeks remain before the close of the first dairy recipe issue, so don't delay, mail that family recipe today

Special gifts have been chosen for each person whose dairy recipe we use It's our way of saying thank you to you and to the dairy industry Your small amount of time will be well rewarded

Send your recipe to Home on the Range, **Lancaster Farming**, Box 366, Lititz, PA 17543 Don't forget to include your name and address

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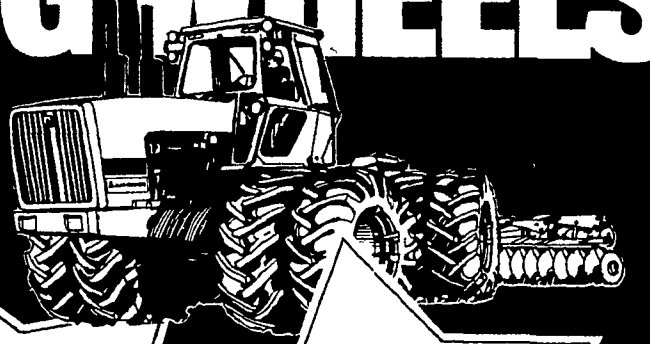

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7045	10/1/81	950		1200	950	2150
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Heidi Miller is Lancaster's poultry queen

LANCASTER - When Heidi Miller, 18, became Lancaster County's Poultry Queen last year, she had no inkling of the schedule of events soon to fill her calendar.

Since that time, Heidi has cooked five-foot omelets in Lancaster and Williamsport, toured Purina Feed Mills, Wenger's Feed Mill and Longenecker's Hatcheries in Elizabethtown, rode in the Farm Show parade last fall, dispensed egg sicles for Farm Show, and attended the Poultry Tradeshow in Atlanta, Georgia.

One of the most thrilling events during her reign occured last week. She met the governor of Pennsylvania while making another five-foot omelet.

"It was really thrilling to meet the governor and to shake his hand," Heidi beamed.

About her work as queen, Heidi says, "I really have enjoyed this year. I like to travel around the county and meet all the people. I guess most of all I enjoy going into schools and telling kids about eggs. They are really interested in the incubator I bring along with me."

Heidi has a trip to Philadelphia planned for the near future. Because Pennsylvania has only two poultry queens, Adams and Lancaster counties, Heidi has many opportunities to travel out of the county to promote poultry.

This Columbia resident works at the Farm Credit Office in Lancaster as a secretary and says she "really enjoys it." She also helps her parents, Warren and Alicia Miller, on their poultry farm.

When she isn't working or promoting poultry, Heidi takes time off for herself to ride bikes, ski and cook. And you can bet she has some great egg recipes. Her favorite recipe follows.

The Lancaster Poultry Association is currently looking for a replacement for Heidi when her reign ends in August. If you or someone you know is interested, call John Hershey, 653-5807 or Walter Mawrer, 684-5331, for more information and contest rules.

The contest will be held August 7 at the Farm and Home Center in Lancaster. First prize, besides the title, will be $250 cash or a $500 college scholarship. Deadline date is May 25.

To sum it up, Heidi wants everyone to know she had a "very eggciting year!"—DK

Heidi Miller,

Home on the range

(Continued from Page C6)

SUNSHINE SANDWICHES

1 pkg. whipped cream cheese with chives
2 T. milk
1 pkg. corned beef, finely chopped
1/3 c. shredded Swiss cheese
3 hard-cooked eggs, sliced
3 bagels or English muffins, split, toasted

Stir together cream cheese and milk until smooth. Add corned beef and cheese. Reserve 3 inner egg slices. Chop remaining slices and combine with cream cheese mixture. Refrigerate until serving. Spread about 1/4 cup mixture on each toasted bagel or muffin half. Serve cold or broil 6 inches from heat 2 to 3 minutes or until cheese melts. Garnish each with an egg slice, halved.

ZIPPY DEVILED EGGS

8 hard-cooked eggs
2 T. mayonnaise
2 to 3 t. lemon juice
1 t. prepared mustard
1 t. Worcestershire sauce
1/2 t. salt
1/8 t. pepper

Cut eggs in half lengthwise. Remove yolks, mash with fork. Combine with remaining ingredients; blend well. Refill whites using approximately 2 teaspoons mixture per egg half. Makes 16 deviled egg halves.

HALF-HOUR DINNER

3/4 c. uncooked regular rice
1 can condensed cream of celery soup
3/4 c. water
1 T. butter
1 pkg. frozen peas, separated
1 can sliced mushrooms, drained, optional
6 eggs
1/2 c. shredded Swiss cheese, optional

In large fry pan combine rice, soup, water and butter. Cover and bring to boil. Reduce heat to simmering. Simmer covered 5 minutes. Stir in frozen peas and simmer covered 5 minutes longer. Stir in mushrooms, if desired. Make 6 indentations in rice mixture. Break an egg into each indentation. Cover and continue cooking over low to medium heat until eggs are almost set, 3 to 5 minutes. Sprinkle with cheese, if desired. Cover and cook until eggs are desired degree of doneness, 5 to 7 minutes.

PEACHY KEEN NOG

For patio or poolside, Peachy Keen Nog is a delicious take-along.

1 1/2 c. vanilla or peach ice cream
2 fresh peaches, peeled and pitted or 1 pkg. frozen peach slices, thawed
2 eggs

Combine all ingredients in blender container. Cover. Blend at medium speed until smooth, about 15 seconds. Serve immediately.

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American Egg Board

INSTANT EGG PICK-UP

1 egg
1 cup orange juice
1 T. honey, optional

Measure all ingredients into blender or shaker container. Cover. Blend or shake until well blended. Pour into tall glass. Serve immediately.

Variation: Just before serving add 1 scoop orange or lemon sherbert.

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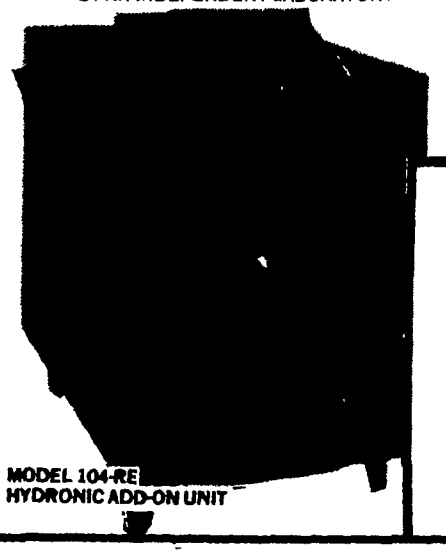

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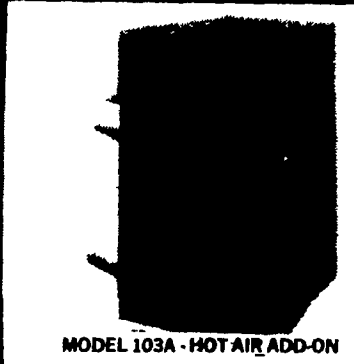

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Penn State conducts egg study

PENN STATE — Poultry producers have known for years that all eggs are not created equal. Some are larger, some are smaller, and some have a greater tendency to crack.

Cracked eggs cost the Pennsylvania poultry industry an estimated $15 million annually. These costs are passed on to consumers directly and indirectly. As many as ten percent of all eggs are broken long before they hit the frying pan.

In one Penn State eggshell damage study, Extension personnel found a marked difference in eggshell quality between the first six months and second six months of laying, says Herb Jordan, Extension poultry science specialist at Penn State.

Figures for the first half-year-long laying period indicated the greatest percentage of cracks showed up after cooling the eggs overnight.

"Before this stage of the egg gathering process, the eggs showed no visible signs of cracks," explains Jordan. "But, apparently the eggs that cracked after being kept perfectly still inside a standard farm cooler had prestressed weaknesses."

County Extension Director Charles M. Skillington conducted the eggshell damage study in Elk County over a three year period. Jordan assisted in interpreting the results. Total egg damage was almost 9 percent for 3800 eggs from four flocks.

For the study, the researchers gathered 100 egg samples each month from each of four flocks of single-combed white Leghorns, housed in two large cage houses.

Each egg was measured for several quality parameters. All of the cracked eggs were divided into categories of handling: as laid, after gathering, after cooling, after washing, and after weighing and candling.

During the first six month period cracks after cooling were the greatest. Lesser percentage of cracks occurred after laying, washing, belt gathering, candling and weighing.

But more cracks occurred in the stages during the second six months of laying, when eggshell quality normally declines. Nearly twice as many eggs were damaged at point of lay and during washing. Three times as many eggs cracked during gathering.

However, fewer eggs showed cracks in the cooler during the second laying period.

Jordan notes that the study indicates that poultry producers may need to slow down machinery and use plastic floor inserts in cages during the second six months of lay.

On the average, a 30 cents per dozen lower price than Grade A is paid for cracked eggs. For 70,000 layers, average normal production being 21 dozen marketable eggs producer per year, this represents an annual loss of over $38,000.

Eggshell quality also varies with such factors as breed of bird and feed quality. Careful health and growth records of how pullets are raised must be kept and evaluated for further study and improvements in the industry.

Some eggciting facts

HARRISBURG — The largest egg produced comes from an ostrich. An ostrich egg is eight inches long and six inches in diameter. The volume is equal to two dozen hen eggs. The shell of an ostrich egg is strong enough to support a man's weight. And, if you want to hard-cook one, plan on boiling the egg for 40 minutes.

What's the record for egg-laying? Princess Te Kawan, a Black Orphington, holds the record, producing 361 eggs in 364 days. The highest number of yolks ever found in an egg is nine.

How far can you throw an egg without it breaking? The longest drop recorded with the egg staying intact was 600 feet. Another was reported hurled 350 feet without harm. The longest egg and spoon race was a 27-mile marathon which lasted four hours and 17 minutes.

Americans are always looking for new challenges, and what a better way to do it then with eggs? Two blind men shelled 1,050 dozen or 12,600 eggs in seven hours and 15 minutes at a hotel restaurant. The record for eating eggs is eggstraordinary. One individual ate 14 hard-cooked eggs in 58 seconds; the record for eating 32 soft-boiled eggs is 78 seconds; while someone ate 13 raw eggs in only 2.2 seconds.

Freeze surplus eggs

HARRISBURG — Have your hens laid too many eggs lately? Or, are your eggs beginning to stockpile in the refrigerator?

If so, you may want to consider freezing your extra eggs, according to Vicky Wass, Pennsylvania Egg Promotion Specialist with the Pennsylvania Department of Agriculture.

"If you don't plan to use eggs within four to five weeks, freezing is a good way to store your surplus," Wass said. Eggs are frozen without the shell. Whites and yokes use different freezing techniques.

To freeze egg whites, just pour the separated whites into freezer containers, seal tightly, label with number of eggs, date and freeze. To make the process even easier, freeze each white in an ice tray and then transfer to a freezer container.

Egg yolks and whole eggs require extra care when freezing because of the gelatin property of the yolk. To help retard gelatin add either 1/8 teaspoon salt or 1½ teaspoon corn syrup per ¼ cup egg yolks (4 yolks) or whole eggs (2 whole eggs). Be sure to label the container with the number of yolks, or whole eggs, and whether you've added salt (for the use in main dishes) or sugar or corn syrup (for baking or desserts).

Yolks can be hard-cooked by carefully placing yolks in a saucepan. Cover yolks with water. Cover the pan and bring water to a boil. Remove from heat and let stand covered in hot water for 15 minutes. Remove with a slotted spoon and drain well before packing for freezing. Hard-cooked yolks can be used later for toppings or garnishes.

Frozen eggs can be thawed overnight in the refrigerator or under cold running water. Once thawed, whites beat to a better volume if allowed to sit at room temperature for about 30 minutes. Use these frozen eggs just as you would use fresh eggs.

Here's something to cluck about

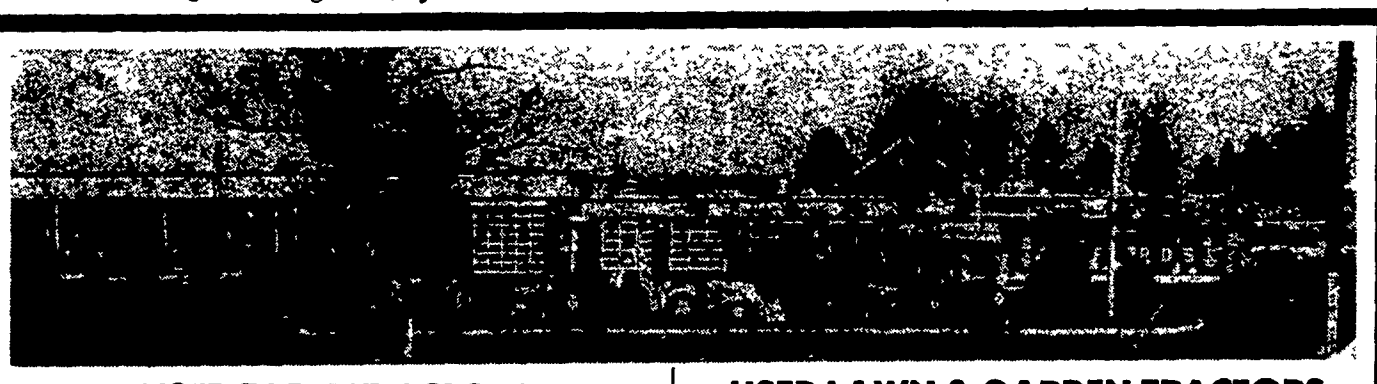
WASHINGTON, D.C. — U.S. hens laid a record 69.7 billion marketable eggs last year for food processors, groceries, hatcheries, and export markets.

But hens might cluck louder about another record because all these eggs came from nearly 2½ million fewer birds than 1979's 289 million.

Why more eggs and fewer hens? Because the average laying hen produced 243 marketable eggs, up from the previous high of 240 in 1979. So despite the smaller flock, U.S. hens produced nearly half a billion more eggs than in 1979.

Back in the 1950's an average hen produced only about 120 eggs per year. However, research by poultry scientists on feeding, lighting, housing, and other management practices has created a revolution in egg production.

Give Eggs a Break



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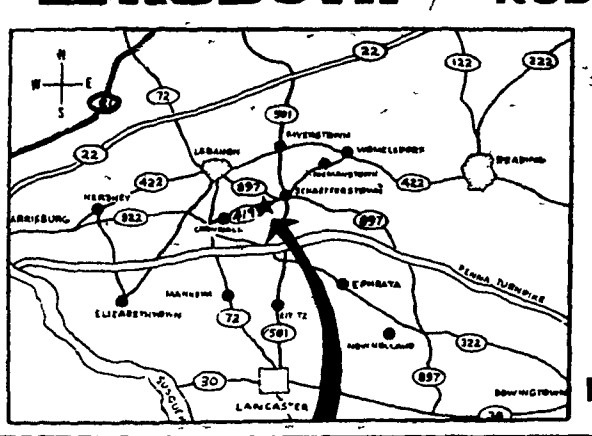

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Lancaster Extension Home Economist

CANNED WATER CAN BE EXPENSIVE

Here is a riddle for those of you who consider yourselves to be careful shoppers. When does a glass of water cost the most? Answer — when it is added to soup before it leaves the factory.

For many years, we Americans have bought condensed soup and added water to it at home. But today, manufacturers have found that people will buy ready-to-serve soup.

Buying ready-to-serve soups nearly triples the cost. And what's more you have to carry the additional weight of the water home from the store.

Water is also added to other products such as puddings and whipped toppings. Premixed fruit drinks often contain only six percent actual fruit and the rest is mostly water.

Sometimes convenience foods save you time, but you have to decide whether it is worth the extra cost. Also some of the convenience foods will save you cooking and clean-up chores. Some take the guesswork out of cooking.

But in the case of ready-to-serve soups and fruit drinks, you are only saving yourself the addition of water. Instead of buying and carrying home the water, you could save money and your energy by buying the undiluted products and turning on your own faucet.

CREATE COORDINATED DECOR WITH SHEETS

Today's array of designer patterns and striking colors available in sheets provides creative homemakers with easy and inexpensive opportunities to coordinate and dramatize your room decor. The possibilities are as unlimited as your imagination. There's also the added benefit of machine washing and drying since most sheets are made of no-iron cotton/polyester blends.

Try using sheets to create an eye-catching treatment for a whole wall or ceiling, or for a smaller area. Use the sheeting flat, draped, gathered or pleated for whatever effect you want to achieve. Cover desk or bath accessories, accent furniture, frame or mat pictures or photographs. Make curtains and tablecloths, cover pillows, window shades and blinds, or combine with a clear plastic panel to make a shower curtain.

In figuring yardage requirements, a twin size flat sheet measures 5¼ yards; a full size flat sheet is 6½ yards; a queen flat, 7½ yards and a king size flat sheet yields 9-1/8 yards. For smaller areas, a pillowcase may provide adequate material. A standard pillowcase is 1-1/8 yards, while a king size is 1-3/8 yards.

PEWTER: IT'S EASY TO CLEAN

Pewter is making a strong comeback. Good quality, highly polished cast pewter has become the affordable alternative to costly sterling silver. It is beautifully designed and available in a wide variety of pieces. many pewter items are cast in the same molds used to form sterling silver decorative and serving pieces.

In addition to its lower price tag, pewter offers another advantage over silver: it's easier to keep clean. To keep pewterware looking good, simply wash it in warm water with a mild detergent, rinse and dry thoroughly. When pewter loses its sheen, it can be restored by using a specially-formulated pewter polish.

Dairy desserts enter limelight

HARRISBURG — If dairy desserts are your forte', get ready for an exciting contest that may award your culinary talents with valuable merchandise.

A dairy dessert contest will be held at the Capital City Mall in Camp Hill on June 6. Each person may submit one recipe which must include a minimum of one cup of real dairy products.

Recipes will be judged on taste, appearance, ease of preparation and use of dairy products. Special points will be given for creative uses of dairy products.

Entries should be postmarked no later than June 3 and sent to the Bureau of Markets, Room 303, Pennsylvania Department of Agriculture, 2301 North Cameron Street, Harrisburg, PA, 17110. Entrants will then be invited to bring their completed dairy desserts and recipes to the Mall's Center Court on June 6 at 10 a.m. for judging.

Judging will begin at noon with prizes awarded following the contest. Gift certificates for merchandise will be awarded to the top three winners. All entrants will receive a gift.

Desserts should be brought in a disposable container. They will be donated to area senior citizens after the competition.

The winning recipe will be included in the 1982 Pennsylvania Agriculture Calendar for June Dairy Month. The desserts and use of recipes will become the property of the Pennsylvania Department of Agriculture.

The Dairy Dessert Contest is sponsored by the Pennsylvania Department of Agriculture in cooperation with the Capital City Mall.

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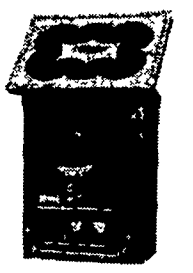

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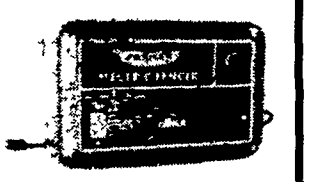

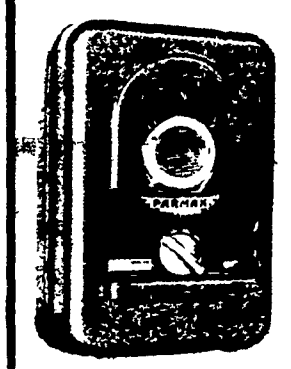

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Design a pleasing home

This ends the three part series on interior design presented in conjunction with workshops by Doris Thomas, Home Extension Economist at the Farm and Home Center

LANCASTER — This week's tips on interior design deal mainly with coordination of all the parts discussed thus far. Once you have the colors and the accessories picked, you must coordinate them in the most pleasing manner possible.

When you coordinate things in a pleasing fashion, you have reached a harmony in your home.

Harmony is nothing more than the result of the basics of design presenting an impression of unity with enough of your own taste and variety to add interest.

One way to coordinate and arrange furniture is to move it around again and again until something pleases you. However, not only is this bad for your back, it's liable to leave marks on your floor.

Another way to lay out your room is to measure each piece of furniture and scale it to a piece of graph paper. An inch of furniture may equal a foot of flooring on your chart. Cut out pieces of furniture the correct size and shape and arrange them on the paper until you have a pleasing layout. Remember to include doors and windows on your chart.

After the furniture is arranged, you may want to dress the room with your personal accessories; vases, pictures, lamps, rugs, etc.

Each house is unique. The home is the one place where ideas and resources can be brought together by the whole family. Things happen in your home which are different than things happening down the street. Emphasize your individual tastes and interests in the home. Don't try to make it a museum showroom.

Accessories can make your home unique. If you have a collection, display it. A favorite vase? Make it the center of interest. And follow these principles of good composition:

-Place objects in such a way that the eye is carried to the center of interest.

-Create rhythm with different heights and sizes.

-Arrange small objects in a group, so that they will be in better proportion to a larger object.

-Strive for unity, rather than a scattered effect.

Another way to add accessories to your rooms is by hanging them, whether they be pictures or other items. Follow these decorating guidelines:

-When forming a composition of a picture and a piece of furniture, hang the picture close to the furniture.

-Pictures near decorative objects and lamps should be part of the grouping.

-Keep outside edges of the grouping even when pictures vary in size and shape.

-Keep bottom edges of pictures straight over a long, straight object such as a couch or buffet.

-When furniture varies in height, hang pizctures so that tops of frames form a straight line.

-Hang a large important picture by itself as a center of interst, rather than as part of a grouping.

-Tall pictures or hangings usually look best on a narrow wall, broad pictures on the widest wall.

-Keep the weight of the composition evenly distributed. Fancy frames, dark mats and most oil paintings look heavier than watercolors, etchings, engravings and drawings. Integrate the arrangement to achieve balance.

-If permanent accessories enter the picture, such as lamps or vases, include them in the picuture wall.

-Variation is the spice of good wall arrangements. Combine large and small squares and rectangles and circles in the same grouping, but scaatter the various shapes and sizes throughout the composition to produce design interest instead of homogenized hanging.

Remember, good composition is the key to an attactive arrangement of art objects and accessories. You supply the principles of balance, rhythm and unity to your home by coordinating all the parts appropriately. These design principles have become accepted practice; however, the best decorating rule may well be that rules were meant to be broken. You decide, it's your home.—DK

Ida's Notebook

Ida Risser

There are many activities to fill the days in May.

Some people are busy with 4-H meetings and Little League baseball games for their children. Others, like farmers and gardeners, are outside in nice weather planting corn and beans.

The days don't seem to be long enough to accomplish everything we plan to do.

One pleasant interruption to my husbands' and my endeavors have been the luncheons and banquets to which we've been invited as a result of our children winning various scholarships. We are thankful for them but several such affairs don't get the rye in the silo or the fence put up at the blooming peas.

And Cindy has her own special interests so that she isn't available to provide much help.

She spent a weekend at Penn State attending the Pennsylvania Junior Horticultural meeting of which she was president. Then on Monday morning, she went with a group of 4-H members to visit legislators and senators at Harrisburg for two days.

If you think Saturdays are free to help at home, you are wrong. There might be a Jazz Band Concert, a Loyalty Day Parade or simply a bowling party. But there is always something. Although I must admit that last Saturday, Cindy did decorate a cake for me to take to our square dance group's covered dish supper and it was beautiful.

She also attempts to mow the lawn regularly because, if it doesn't get done on time, them it must be raked too. And, all we need around here is one more job.

F.W.S. Calendar

Saturday, May 16

Lancaster Society 19 meets for a formal dinner and dessert.

Lancaster Society 3 meets with Erla Gehman for a tour of Ephrata Cloisters.

Lancaster Society 15 meets at 10 for a brunch.

Lancaster Society 14 meets for a book review program with Mrs. Grace Koser.

Monday, May 18

Lancaster Society 31 meets with Paul Neff for a cheese demonstration.

Tuesday, May 19

Lancaster Society 18 meets for a walking tour of Lancaster with Martha Stoner, tour guide.

Berks Society 6 meets with Joan Noll.

Wednesday, May 20

Lancaster Society 33 meets for a program by Edith Herr.

Thursday, May 21

Spring Rally, Dickinson College, Carlisle.

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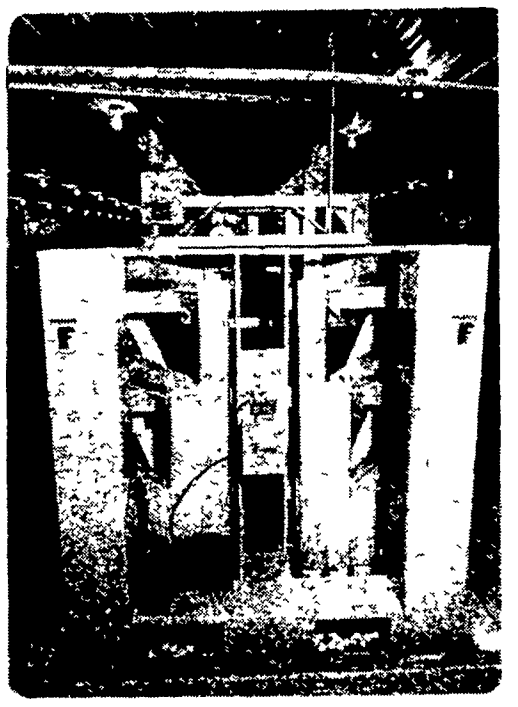

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COLT

_ _ _ _ _ to shed hair, feathers, shell, etc. periodically
_ _ _ _ _ a congenital spot on the body opposite of male
_ _ _ _ _ a fully-grown female horse
_ _ _ _ _

mare
male
mole
male
mott

This week we have a, gooey, yummy, chocolatey recipe for you to try. Try it for supper tonight.

CARAMEL LAYER CHOCOLATE SQUARES

1 bag of Kraft Caramels
2/3 c. evaporated milk
1 box of German chocolate cake mix
3/4 cup melted butter
1 cup chopped nuts
1 6 ounce bag of chocolate chips

Melt caramels and 1/3 cup evaporated milk in double boiler. Mix cake mix, butter, 1/3 cup milk and nuts together. Put 1/2 of mixture in greased and floured glass sheet pan. Reserve half for top. Bake at 375 degrees for 6 minutes. Remove from oven and sprinkle chocolate chips and caramel mixture on top of chips. Crumble remaining dough on top. Return to oven for 8 minutes. When cool, cut into squares and serve.

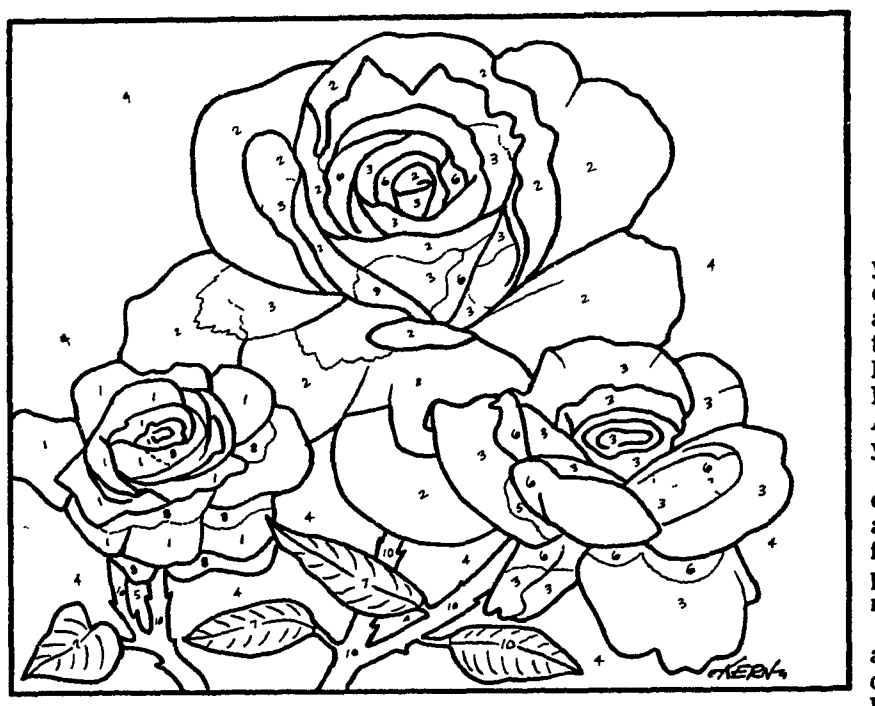
Have you hugged your horse today?

Visitors at the Windemere farm in Spring Mills hugged this little colt as it slept. They seem to agree that you better hug them now, because a fully-grown horse is a pet you just don't throw your arms around.

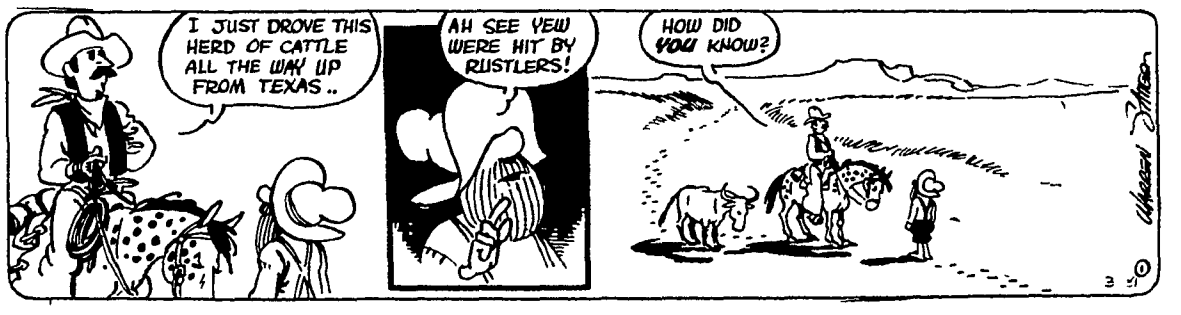
COLOR THIS!

1.	PINK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	PEACH	9.	LT BLUE
5.	BROWN	10.	LT. GREEN

ROSES ARE ONE OF OUR BEST LIKED FLOWERS. ALL FLOWER SHOPS HAVE ROSES. THEY CAN BE RAISED BY ALL OF US IN OUR GARDENS AND YARDS. THERE ARE MANY KINDS AND COLORS OF ROSES SOME CLIMB UP TRELLISES, OVER FENCES AND WALLS. ALL ROSES BELONG TO THE FAMILY OF PLANTS CALLED THE ROSE FAMILY. APPLES, PEARS AND PEACHES BELONG TO THIS FAMILY. 4-23-81



Ride 'em cowboy



Berks 4-H plans events

The Berks 4-H Beef Club met recently at Carol and Michael Strause's home in Hamburg.

At the meeting, plans for the Spring Show were finalized. It will be held Saturday, May 23 at 10 a.m. at the Reading Fairgrounds Cattle Barn.

After the show, all steers will be freeze-branded, wormed and implanted.

The club president, Darlene Dietrich, told members about 4-H Leadership Congress to be held at Penn State University on June 22-June 25. She encouraged all members over 13 years of age to attend.

After the meeting, there was a clipping demonstration by Michael Strause, and Kemanne Rarick.

The next regular meeting will be held on June 24.

Baltimore County agent retires

BALTIMORE, Md. — Thirty years ago a young man, fresh out of the University of Maryland with a degree in Agricultural Extension, joined the crew in the Extension Department of Baltimore County, Maryland as an Assistant County Agent for 4-H and youth.

Now W. Max Buckel will round-out his position as an Extension agent the end of June as he retires from the capacity of advising people of all ages in a county of nearly a million people.

To honor Max and his wife, Bee, a retirement dinner will be given on Friday, June 26, in the new Exhibition Hall on the Maryland State Fairgrounds, Timonium, Maryland at 7 p.m. A donation of $12 per person will cover the meal and the presentation of a gift.

Friends and co-workers in Maryland and in neighboring states are invited to be a part of the termination of the career of the friend and advisor of many.

William Max Buckel was born in Bittinger, Garrett County, Maryland, the son of Mr. and Mrs. W.E. Buckel, one of eleven children. His introduction to 4-H began about 1936 at the age of 11 with projects in dairy and poultry. At the youthful age of 16, Max was graduated from High School.

Following graduation he worked at a steel mill in Baltimore for three years until he was old enough to join the Navy where he served three years. In 1951 he graduated from the University of Maryland and that same year became an Assistant County Agent with the Baltimore County 4-H program.

After a sabbatical at Michigan State University in 1958, he resumed his duties in Baltimore County as Associate County Agent in Agriculture with a newly acquired masters degree in Agriculture Extension. That same July, he was named County Agent upon the retirement of Horace B. Derrick.

Buckel was named Extension Supervisor for Western and Central Maryland Districts and was transferred to offices in College Park in 1964.

He was welcomed back to Baltimore County with open arms in 1970 and assumed the position he had vacated in 1964. In 1974 he was named County Chairman of the Extension Service in the county, a position he holds to this day.

Max and his wife, the former Bee Jones, are the parents of three daughters: Kendra (Mrs. John H. Wells), is an Extension Agent 4-H & Youth in Montgomery County; Kerry (Mrs. Brooke Greer) and Kristin, a student at the University of Maryland, College Park.

4-H features petting zoo

BAIR — Thomasville 4-H club members will participate in the 4-H Petting Zoo being held today for the York Hospital Fete at the York Interstate Fairgrounds, 10 a.m. to 10 p.m.

Club members will provide a calf, goat, lamb, duck, puppies, and a rabbit. Additional animals will be supplied by 4-H'ers from the Davidsburg Community Club.

Four-H'ers and their families will attend Rural Life Sunday as a group on May 24 at the Dover United Church of Christ. Several members of the club will be participating in the service.

A magic performance by young David Thoman, East Berlin, mystified and enchanted members and their families at the recent meeting of the club.

Club members approved a motion to pay $10 for each 4-H'er of the Thomasville club attending the Six-County 4-H Camp being held at Camp Nawaka, near Biglerville, June 9 to 12.

The next meeting of the club will be held on May 26 at the York County 4-H Center. Demonstrations will be presented by club members.

County Council to meet

LANCASTER — The Lancaster 4-H County Council is sponsoring an important meeting for all newly elected club officers. Four-H clubs with all officers in attendance will receive prizes.

A bowling party will be held at Leisure Lanes Bowling Alley on May 22. All 4-H'ers 13 to 19 years of age are invited to attend. For reservations, call Nancy Myers at 394-6851.

CHRIS CLOVER

CHRIS, AFTER I HAVE MY TONSILS OUT WILL I BE ABLE TO GO TO 4-H CAMP AND SWIM IN THE DEEP END OF THE POOL?
SURE YOU CAN!
THAT'S GREAT! I COULD NEVER SWIM BEFORE!

Lefever joins friends of 4-H

PENN STATE — Richard R. Lefever, an attorney associated with the law firm of McNees, Wallace, and Nurick, Harrisburg, has been named a board member of the newly organized Pennsylvania Friends of 4-H to develop new sources of financial support for the state's 4-H educational program.

"About 6 percent of the state's youth, ages 8-19, are involved in Extension Service 4-H programs each year," says Dr. James M. Beattie, dean of Penn State University's College of Agriculture. "There is the potential to reach many more young people in their developmental years with additional funds from the private sector."

Dr. Maurice Kramer, state 4-H director at Penn State who will administer the funds, notes that the Pennsylvania Friends of 4-H efforts may assist in expanding 4-H volunteer involvement.

"Presently, individuals who wish to support Penn State's 4-H program do not have a viable mechanism to make financial contributions to expand program quality," Dr. Kramer explains. "Pennsylvania Friends of 4-H was organized for this purpose."

Officers of Friends of 4-H are: Dr. Russell Larson, retired Penn State provost, chairman; Thomas Bohlender, president of Brookfield Dairy, R1, Sharpsville, vice-chairman; and Dr. Maurice Kramer, secretary-treasurer.

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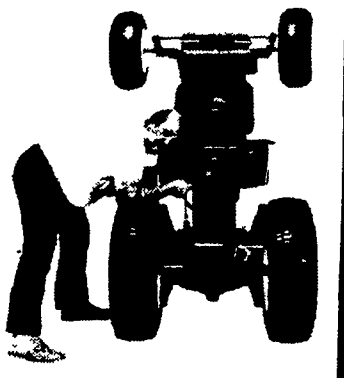

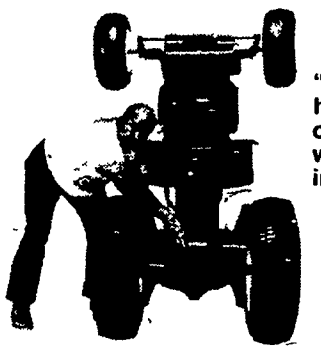

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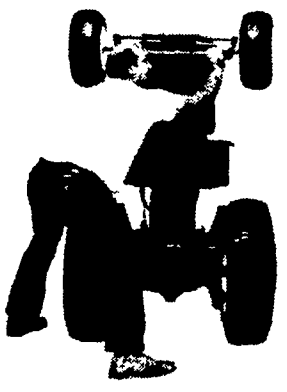
"Ask about the frame. Is it a rugged twin-channel frame like this?"



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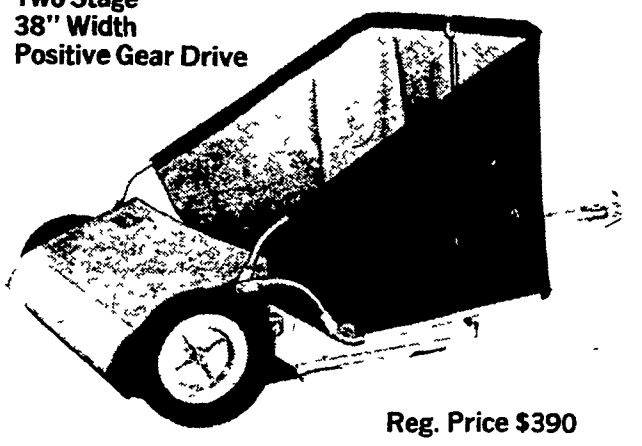

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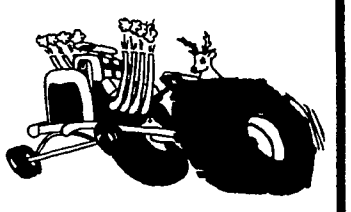

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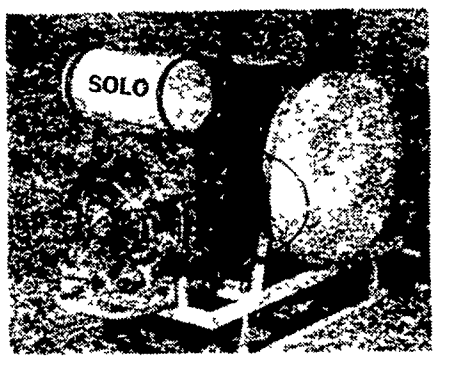

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Robot visits children

NEW HOLLAND — Move over Marcus Welby, Ben Casey and the staff at General Hospital. Here comes Dr. INNO-Vator.

Well, maybe not a real doctor, but if making people in a hospital feel better is one of the prerequisites for hanging your medical diploma, then INNO qualifies.

INNO-Vator is a six-foot, 250-pound robot who has been demonstrating Sperry New Holland farm equipment at major farm shows. Since robots don't get tired, the farm equipment firm has given the gleaming silver showman additional duties. INNO has been visiting hospitals whenever his schedule will allow it.

During a recent visit to Children's Hospital while working at the National Farm Machinery Show in Louisville, Ky., the robot did something trained people and modern medicine hadn't been able to do, according to Bill Loader, a hospital spokesman.

"One little girl, with Reye's Snydrome, had not responded to routine efforts used to communicate with such children. But, the minute INNO walked into the room there was a spark of excitement INNO talked with her and when he saw her nod her head he proceeded with conversation that requried her to make responsive motions. When he left five minutes later he asked her for a favor. He wanted her to throw him a kiss," Loader says.

There was excitement in the room and crowded hallway as the little girl strained to raise both hands to her lips and throw a kiss to INNO. The crowd, which included visitors, nurses and the girl's family, broke into applause, Loader says.

In another instance, a little girl from Greece had been flown to Louisville for a very serious and complicated back operation. Nurses said she was very depressed. She hadn't smiled for several weeks. They wanted INNO to visit her. However, she spoke no English.

INNO, who is multi-lingual but doesn't speek Greek fluently, dipped into his memory bank and retrieved a few words of Greek...enough to ask "how are you?" and "promise me you'll get better soon."

When INNO left the room after just a few minutes, the young patient was smiling and so were the nurses.

The robot, manufactured by International Robotics of New York City, will attend more than a dozen major farm machinery shows for Sperry New Holland. Other Sperry Corporation divisions will also use the robot in trade shows, including the Paris Air Show, where the robot will switch its memory banks from agricultural matters to aeronautics.

"Naturally, we're interested in the power of INNO to attract crowds to our farm machinery displays," says Dale Berkheimer, director of commnications and promotions at Sperry New Holland.

"However, we book the robot for a full day's work, and those extras hours at the hospital are more fun than work for our people who accompany INNO. Perhaps we'll be helpful in leading the way to some new methods of treatment that doctors can follow up on in the future."

Berkheimer says International Robotics has already started working on possible uses for the robot in medical and psychological treatments and the Sperry New Holland hospital visits will add to their information.

How does a robot fit into the

(Turn to Page C15)

INNO-Vator, a friendly robot, brings smiles to the faces of children as he visits Children's Hospital in Louisville, KY. The robot takes time out from demonstrating Sperry New Holland farm machinery to visit.

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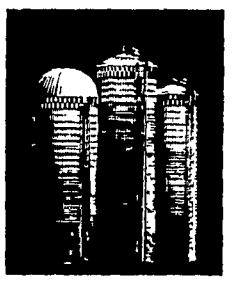

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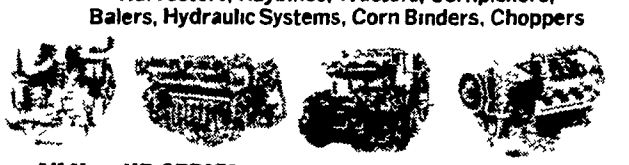

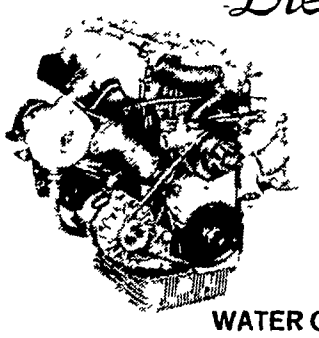

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Pork group pushes product to fast food industry

LANCASTER — Pork at the Home of the Whopper?

That's one of the goals of Pork Industry Group representatives who have been calling on major foodservice outlets in recent weeks to encourage the addition of pork items to the menu.

A meeting with Burger King officials at the company's corporate headquarters was very encouraging, according to Mark Thomas, Meat Board vice president in charge of pork programs.

"Burger King is very interested in the possibility of adding a pork sandwich sometime in the future," he said. "We're going to offer them all the encouragement and expertise we can."

Other companies contacted by the Pork Industry Group recently were Friendly's, an eastern restaurant chain, and Big Boy Restaurants.

Pork group representatives have also been working with processors of food-service pork products.

"The ultimate goal, of course, is to move pork through foodservice outlets," Thomas said. "And to accomplish this, we hope to stage some cooperative promotions between the Pork Industry Group and major fast-food chains that will help them develop new pork items. Our objective is to make 1981 the year the foodservice industry wakes up to pork."

4-H Woolies meet

LANCASTER — The Lancaster County 4-H Woolies Club met at the Farm and Home Center recently for their May meeting.

Gerald Rohrer gave a demonstration on some of the most common tools needed in trimming sheep.

Tim Fleener joined him by talking on the various breeds of sheep.

Elected officers are as follows:

President, Jim Stauffer, Lancaster; vice president, Deb Martin, Conestoga; secretary, Monica Esh, Kinzers; treasurer, Gerald Rohrer, Quarryville; song leaders, Missy Esh, Kinzers; John Longenecker, Lititz; news reporters, Nanette Musser of Lancaster and Deb Martin.

INNO-Vator

(Continued from Page C14)

agricultural picture?

"Electronics are finding their way into more farm machines all the time," says Berkheimer.

"Combines use electronic sensors to help locate trouble spots before they create machine problems. Our forage harvesters are equipped with electronic metal detectors to help prevent damage to components and to help stop tiny bits of metal from getting into cattle feed."

Automatic bale wagons, designed to pick up, haul and stack bales of hay, use electronics to carefully build a variety of different hay stacks depending on whether the farmer wants to store them inside a barn, out in a field or load them on trucks for shipment, Berkheimer says.

"We knew INNO's futuristic appeal would fit into our high technology promotional activites," Berkheimer says. "But, we didn't realize when we started using INNO that we'd be helping bring smiles to the faces of kids in a hospital. Somehow, this side effect means more to our people than his ability to demonstrate our equipment."

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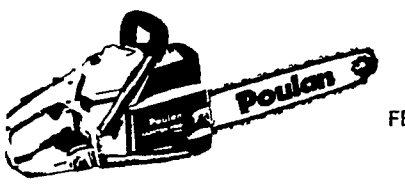

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Cecil County wins dairy bowl event

COLLEGE PARK, Md. — Cecil County delegation poses with trophy hardware after winning honors as first-place senior team in the sixth annual Maryland 4-H Dairy Bowl competition. Team members are (left to right): Kris Knutsen, 16, of Rising Sun; Mark Krauss, 18, of Calvert; Don Moore, 17, also of Calvert, and Eric Knutsen, 18, of Rising Sun.

COLLEGE PARK, Md. — Cecil County delegation smiles for the camera after winning honors as second-place junior team in the sixth annual Maryland 4-H Dairy Bowl competition, held May 2 at the University of Maryland campus in College Park. Team members are (left to right): David Fell, 10, of Calvert; Karen Knutsen, 12, of Rising Sun; Sam Davis, 10, of Earleville, and Diane Moore, 12, of Calvert.

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FFA chapter plants a million tree seedlings

ELMA, WASH. — About 200 teenagers in Elma, Wash., are responding this summer to an unusual request: Wanted – Hard workers. No pay, but great future benefits.

The students, members of the local Future Farmers of America chapter, are reforesting more than 1,200 acres of timberland in an effort to restore the area's primary natural resource.

"Nearly half the work force of this area is involved in forestry," said Clarence Pearson, Elma High School vocational agriculture teacher and FFA advisor.

"So the work these students complete today could enhance their livelihoods as adults."

Project Timber is part of the national FFA's Building Our American Communities (BOAC) program. Through the BOAC program, the FFA seeks to improve small and rural communities while building youth leadership.

Last year, the Elma FFA chapter worked more than 18,000 hours with nearby timber companies and small woodland owners, Pearson said. This year, they've already planted nearly one million seedlings.

With seedlings from timber companies and the state of Washington, the FFA advisor estimated the project is already valued at nearly $300,000. That doesn't include labor, or the value of the forests at maturity.

Community adults adults also help out by transporting students to woodland sites and assisting as supervisors.

Project Timber began several years ago when local timber companies and individuals called on the FFA chapter for assistance, Pearson said.

"We need more wood all the time," he explained. "We export a lot of logs to Japan. We're also working to grow valuable softwoods, such as Doublas firs, which supply most of the plywood and lumber for the housing and construction industries."

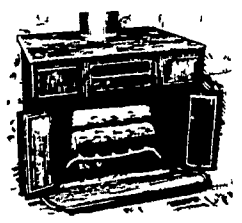
The scientific renewal of forests doesn't stop with large companies, however.

"Though most people believe that large companies own all the timber, nearly 60 percent is owned by individuals," Pearson said. We include them in the renewal plan because they are less likely to know how to reforest an area scientifically."

So, while other high school students are vacationing this summer, FFA members in this Northwest community will be at work.

"Reforestation is a year-round project," Pearson said. "After planting, there is the need for animal control, then, more clearing of the land to plant more trees."

Tree seedling is planted by member of FFA chapter in Elma, Wash. as part of BOAC project that features reforesting of some 1,200 acres of timberland with a million seedlings.



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Oxford FFA honors top members at banquet

BY SUSAN KAUFFMAN
Staff Correspondent

OXFORD — The Oxford Chapter of the Future Farmers of America held their thirty-second annual banquet at the high school cafeteria last week to honor its members and community supporters.

President of the local chapter, Carol Carter presided over the dinner meeting, calling upon the officers to assist her throughout the evening. Giving out the awards were Scott Gold and D. Kenneth Thompson, FFA teachers at Oxford.

Inducted into the chapter as Honorary members were two community supporters. Richard Weaver, fieldman for Inter-State milk Producers, and Lawrence (Bud) Wood were recognized for their special efforts on the chapter's behalf.

Several seniors received multiple awards capping off several years involvment in the organization. President Carol Carter received her Keystone farmer pin, first place award in the county recordbook contest and a special award for her leadership as president of the chapter. Carol served as county vice-president.

Another Senior, Charles Astle, also received his Keystone Farmer pin, first place in the county recordbook contest and recognition as star chapter farmer. He placed second with his recordbook on the state level. Astle served as county student advisor this past year, He was the local chapter's vice-president.

Bonnie Lamborn, chapter secretary, was awarded her Keystone Farmer pin, first-place county recordbook and star chapter farmer award. She also received a foundation award for dairy production and a Dekalb award. Bonnie served as county chaplain this year.

John Hostetter, a sophomore, was cited for placing fifth out of 208 contestants in dairy judging at Springfield, Mass.

Other seniors receiving awards included Nancy Yarnall, dairy production foundation award and first place county recordbook; Tom Williams, crop production, dairy production, first-place county recordbook and silver in state recordbook competition; and Deanna Willis, sales and service foundation award and first-place county recordbook.

Additional seniors recognized were Valerie Weaver, Keystone Farmer, public speaking and first-place county recordbook; Sandy Peterson, ag production and first-place county recordbook; and Robert Parry, ag production and gold state recordbook.

Danny Miller, also a senior, received an ag production award and an ag mechanics award along with a gold placement in state record book competition. David Ham, also a senior, received an ag production award and a first-place county recordbook award. Bonnie Arrowood, chapter treasurer, received a foundation award in ag processing.

Two members out of school were also recognized. Alan Mason had a gold recordbook in state competition. Charles Hayes received a bronze award in the state recordbook contest.

Underclassmen who received foundation awards include Rodney Weitzel, ag mechanics; Craig Dixon, shop safety; poultry production, Harvey England; sales and service, Danny Luoto; public speaking, Valerie Weaver; shop safety, Donald Foorman; Arnold Davis, ag mechanics; Bonnie Browning, ag production and soil and water management; Steve Brown, ag mechanics; Sue Dougherty, soil and water management and public speaking; and Terry King, soil and water management and public speaking. Allen Fowler received a foundation award in sales and service and Dan Osborne received one in dairy production.

Alvin Miller was given a soil and water management foundation award. Bill Wylie received awards in swine production and beef production Steve England accepted a dairy production and vegetable production award.

County recordbook winners:

First, blue - Clarence Monger, Alan Mason, Alvin Miller, Allen Fowler, Joe White, Chuck Shelton, Arnold Davis, Terry King, Tim Siple, John Hostetter, Steve Brown, Dan Osborne, Gordon Gates, Bonnie Browning, Carol Carter, Bill Wylie, Kim McMaster, Tracy McKinney, Melinda Brown, Charles Astle, Sam Norton, David Ham, Daniel Miller, Tom Williams, Sandy Peterson, Nancy Yarnall, Bonnie Lamborn, Robert Parry, Charles Hayes, Deanna Willis and Valerie Weaver.

Second, red - Harvey England, Steve England, Donald Poorman, Lori England, Mike Evosirch, Jerry Townsend, Charles Pierce.

State recordbook winners were Dan Miller, Alan Mason and Bob Parry, gold; Tom Williams, Charles Astle, Tim Siple and Dan Osborne, silver; Charles Hayes, Bill Wylie and John Hostetter, bronze.

Keystone farmers were Bonnie Lamborn, Carol Carter, Bonnie Arrowood, Charles Astle and Valerie Weaver.

Star Greenhands were Craig Dixon and Renee Sturgill.

Star Chapter farmers were Charles Astle and Bonnie Lamborn. County Farmers were Bonnie Lamborn, Carol Carter, Bonnie Arrowood, Bob Parry, Charles Astle and Valerie Weaver.

Keystone Farmers who were recognized during the annual awards program of the Oxford FFA Chapter include, from the left, Carol Carter, Bonnie Lamborn, Charles Astle, Bonnie Arrowood, and Valerie Weaver.

Assisting with the annual banquet and awards program of the Oxford FFA were chapter sweethearts, from the left, Carol Carter, Bonnie Lamborn, Bonnie Arrowood, Valerie Weaver and Deanna Willis.

Star Chapter Farmers honored at the annual banquet of the Oxford FFA were Charles Astle and Bonnie Lamborn.

Speaking winners announced

ELVERSON — The FFA public speaking contest for Berks, Lebanon and Schuylkill counties was recently held at the Pennsylvania Agricultural Center.

The creed category was a new area of competition this year. The top three winners were Andrew Hess, of Conrad Weiser; Kevin Griest, of Twin Valley; and Ray Kamp, of Kutztown. Troy Cox of Conrad Weiser placed fourth and fifth place went to Kutztown's Terry Wiser. Dolores McDermott, of Twin Valley, and Ronnie Burrell, of Oley, placed sixth and seventh, respectively.

In the conservation category Scott Hauseman placed first with his speech "Ethanol Now." Dave Rice's speech "Land For Survival" placed second. In third place was Mark Latshaw with his speech "Soil Conservation Then and Now." Beata Schaffer placed fourth with her speech "Watch that Leak"

In the extemporaneous category the top three places went to Kutztown, including Bruce Latshaw, first; Rich Hershberger, second; and Heidi Springer, third. Ronnie Burrell, of Oley, placed fourth. Fifth and sixth places went to two Twin Valley students, Nelson Beam and Steve Kearns. Den Shoemaker placed seventh and Rich Savidge placed eighth, both members of Kutztown.

Chris Belitney, of Conrad Weiser, placed first in the general category. Steve Shaw, of Oley, placed second with his speech "Embryo Transfer: Today and Tomorrow." Twin Valley's Don Stoltzfus placed third with his speech on "Improving Fuel Efficiency." Fourth place went to Mike Mertz, of Kutztown. Tim Kurtz, of Twin Valley, placed fifth. Todd Benjamin, of Kutztown, placed sixth. Lisa Yoder, of Twin Valley, placed seventh, and Ted Kleinsmitt, of Kutztown, placed eighth.

Roberts team places 2nd

POTTSTOWN — The Owen J. Roberts FFA participated in the Regional Contest for Parliamentary Procedure held at Kutztown State College on May 7.

The members of the team were Kenneth Adams, son of Mr. and Mrs. Ernest Adams, Ellis Woods Rd., Pottstown; Andrew Batdorf, son of Mr. and Mrs. James Batdorf, East Cedarville Rd., Pottstown; Alan Golden, son of Mr. and Mrs. Charles Golden, R1, Spring City; Darrell Guest, son of Mr. and Mrs. Vernon Guest, R2, Pottstown; Michael Jankowski, son of Mr. and Mrs. Henry Jankowski, R2, Blackhorse Lane, Chester Springs; Karen John, daughter of Mr. and Mrs. Richard John, Creamery Road, Spring City; Loren Ruth, son of Mr. and Mrs. Vernon Ruth, R1, Spring City; and Christina and Kathryn Soltys, daughters of Mr. and Mrs. Chester H. Soltys Jr., 876 New Schuylkill Rd., Spring City.

Owen J. Roberts placed second out of eight teams. The FFA Chapter from Northern Lebanon placed first. The Owen J. Roberts Chapter now moves on the State Finals to be held at Penn State in June.

Tom Roth, son of Mr. and Mrs. Ronald Roth, Star Route, Pottstown, placed sixth in the Public Speaking Contest.

This is only the second time that the Owen J. Roberts Parliamentary Procedure team reached the Regional FFA Contest. This is the first time that they have had the opportunity to go to the State Contest at Penn State.

Elizabethtown FFA holds annual banquet

ELIZABETHTOWN — Chapter members, parents and guests were told that they need to become good managers of their resources to participate in farming at the annual awards banquet of the Elizabethtown FFA in the Middle School Cafeteria on Thursday, May 7.

"Anything that you can use to become a success is a resource," Dean Steinhart, assistant superintendent of the Elizabethtown School District, said.

The school administrator, who is moving to the superintendent's post in Northern Lebanon, pointed to the numerous rewards that had been given to the various chapter members at the banquet.

"Always be concerned with rewards," he said.

"They can make the difference in the person who uses available resources to become a success."

The educator speculated that if the farm doesn't lead the way, there is little hope for the nation's economy.

"Everything starts on the land," he said.

"Look at the resources available to you in the land, use them well and it will mean growth for the country.

"Farming is a very satisfying occupation. It's one of the few left where you can see results. Nothing is better than being able to harvest the results of something you have grown."

In the awards portion of the program, Nelson Dohner was named Star Greenhand and Jay Garber was honored as Star Chapter Farmer.

Other proficiency award winners were Randy Greenly, public speaking; Mike Shope, agricultural mechanics; Darrel Lehman, placement in agricultural production; and John Dohner, crop production.

Greenhand Degrees were presented to Nelson Dohner, Tim Albright, Garry Hertz, Frank Miller, Ken Ruhl and Mike Shope.

Chapter Degrees went to Art Reisinger, Greg Querry; Steve Strickland; Joel Brandt; Dave Kauffman; Randy Greenly; John Dohner, Allen Geyer, Cyndie Retherford; Kevin Noll, Tracey Stowe and Ken Greenly.

Honored as Red Rose Degree recipients were Darrel Lehman and Andy Brandt. Keystone Degree recipients Mel Hoffer and Steve Kauffman also were recognized.

Other award recipients:

Chapter Meat Contest – Cyndie Retherford, Jay Garber, Dave Kauffman, Tracey Stowe, Greg Querry, Mike Shope, Ken Greenly, Steve Strickland and Glenn Ellis.

Scholarship Pins – Jay Garber, Randy Greenly, Kim Erikson, Don Garber and Steve Heisey.

Among the top award winners at the annual banquet of the Elizabethtown FFA Chapter held Thursday, May 7, in the Middle School cafeteria were Nelson Dohner, left, Star Greenhand; and Jay Garber, Star Chapter Farmer. Numerous other awards were presented to chapter members for their proficiency in specific areas of agriculture and their outstanding activities during the past year.

Chapter Public Speaking – Randy Greenly, John Dohner, Allen Geyer, Dave Kauffman and Ken Greenly.

DeKalb Achievement Award – Jay Garber.

Chapter Poultry Contest – Frank Miller, Dave Kauffman, Jay Garber, John Amsbaugh, Ken Greenly, Nelson Dohner, Randy Greenly, Darrel Lehman, Kevin Noll and Andy Brandt.

Chapter Agronomy Contest – Tracey Stowe, Randy Greenly, Jay Garber, Kevin Noll, Ken Greenly, Darrel Lehman, Mike Shope, John Dohner, John Amsbaugh and Andy Brandt.

Chapter Dairy Products Contest – Randy Greenly, Tracey Stowe, Cyndie Retherford, Ken Greenly, Kevin Noll, Dave Kauffman, John Dohner, Tim Albright, Nelson Dohner and Ken Ruhl.

Receiving the Lancaster County Bankers Association award as outstanding senior was Jay Garber.

The chapter presented certificates of appreciation to Tim Markovits, of Pioneer Seeds; George Carl, of Agway; and Dan Kleinfelter, of IGA.

Certificates expressing appreciation for outstanding service to the chapter also were presented to Dean Steinhart and Clarence Heistand, who recently retired from the Elizabethtown School District.

Md. Shorthorn unit elects

FREDERICK, Md. — Henry L. Dodrer Jr., of Littlestown, Pa., was elected president of the Maryland Shorthorn Association, Inc. at the group's annual spring dinner meeting.

Vice-president is Duane Harper, of Gaithersburg, Md. and secretary-treasurer is Wayne C. Neely, of Frederick, Md.

Directors elected to three-year terms include Susan Eyler, of Mt. Airy, Md. and Edwin A. Hevner, of Union Bridge, Md., who was renamed.

Directors of the Shorthorn Association continuing in office are Raymond D. Ediger, of Frederick, Md.; George W. Bowman, of West Friendship, Md.; Thomas E. Smith, of Frederick; Harper and T. Courtnay Jenkins Jr., of Owings Mills, Md., the immediate past president.

Officers elected by the Maryland Junior Shorthorn Association include Dennis Warfield, of Woodbine, Md.; Kristina Harper, of Gaithersburg, Md.; Stephen Dodrer, secretary-treasurer; and Susan Dodrer, public relations, both of Littlestown, Pa. Directors are David Bowman, and George Bowman, both of West Friendship, Md.; and David Dell, of Finksburg, Md. Junior director on the Maryland Shorthorn Assn., Inc. Board is Warfield.

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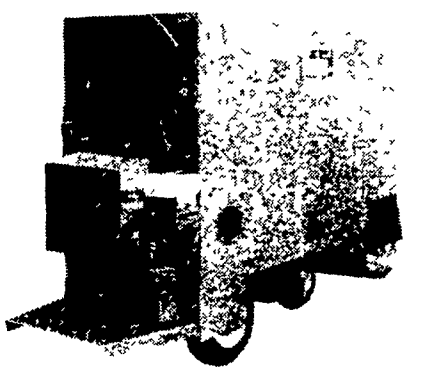

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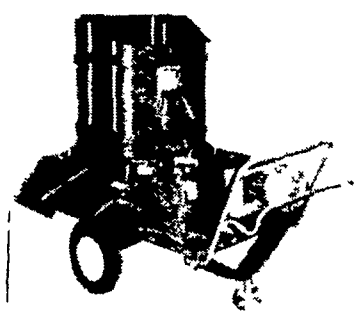

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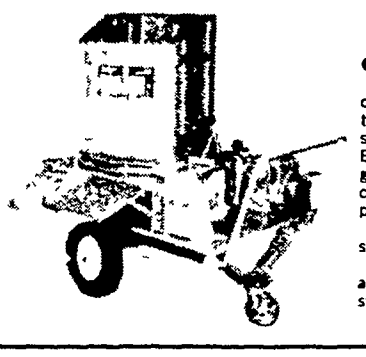

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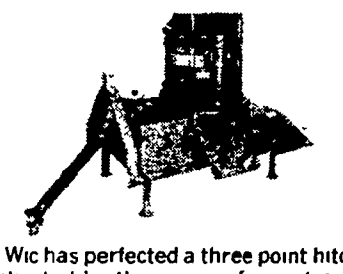

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Top Lebanon FFA members honored

MYERSTOWN — The annual Lebanon County FFA Banquet was held recently in the Elco Middle School cafeteria with approximately 165 members, guests and friends present to witness the presentation of many awards to deserving members of the various chapters which make-up the Lebanon County FFA.

The toastmaster for the evening was the current county president, Glenn T. Wenger, who is a member of the Elco chapter. The invocation was given by Bob Bomberger, county chaplain. Bob is a member of the Cedar Crest FFA.

Following a very fine meal served to the group by Mrs. Mildred Schaeffer and her cafeteria staff, Dean Patches, a member of the Northern Lebanon chapter and county vice-president, gave a very good welcoming address. This was followed by the introduction of guests by Karen Rhode, county secretary and a member of the Lebanon County Vo-Tech FFA.

Robert Kreider was introduced by President Wenger and he brought greetings on behalf of himself and his fellow officers of the Pennsylvania Association of FFA. Bob presently serves the state association as treasurer and is also a member of the Annville-Cleona chapter. In his remarks, he related that he was very grateful for the opportunity to serve the state association as a representative from Lebanon County.

The first group of award winners was the naming of the recipients of the Lebanon County Project Book Contest. This group receives medals sponsored each year by Wenger's Farm Machinery, Inc. The winners were announced by David Wenger. Those members announced were given a gold, silver and/or bronze medal for their efforts.

President Wenger then introduced Clair Gerberich, of Lebanon County Soil Conservation Service. Gerberich presented the awards to those individuals who excelled in the recently conducted county Conservation Speaking Contest. First place winner, Lee Gehman of the Northern Lebanon chapter, was given an engraved pen and pencil holder and a pack of Blue Spruce pine seedlings. The following were also presented a pack of Blue Spruce seedlings. Irene Brown, 2nd place; Todd Propst, 3rd place; and Kirk Juhani, 4th place.

Paul Maulfair, a member of the Lebanon County Farmers Association, presented the annual creed contest awards. First place went to Marlin Deaven of Northern Lebanon. The second and third place winners were also recognized and given a check. After the presentation, Marlin gave the FFA creed.

Gary Smith, a member of the Pennsylvania Game Commission, presented Ray Comasta, of the Northern Lebanon chapter, the top conservation award for his efforts in the Wildlife Conservation area.

The 1980 Production Credit Association awards were presented by local PCA representative, James Grosh. Ed Keggerreis, of the Elco chapter, was given a cash award and certificate for having the best kept record book in the Lancaster-Lebanon district this past year. Also, Dean Patches, of the Northern Lebanon chapter, was given a plaque and cash award for having the best kept record book in the entire state of Pennsylvania in 1980.

The Lebanon County FFA Farmer Degrees were then presented by Mike Bare, 2nd Vice-president and Daryl Balmer, county treasurer The degree recipients were Patti Heilinger, Joel Fahnestock, Ken Erb, Robert Hogeland, and Donna Rabold from Elco; Annville-Cleona - Melody Keller, Brian Sell, Donald Bare, Dawn Dohner, and Brian McFeaters; Cedar Crest - Heidi Peiffer, Richard Houser, Chris Patches and Dale Zuck; Northern Lebanon - Doug Blauch, Mark C. Brehm, Todd Propst, Robert Reinbold and Rodney Behney; Lebanon Co. Vo-Tech - Jane Stump, Kathi Zohn and Clarence C. Backert.

Members of the Northern Lebanon FFA conducted the Honorary Lebanon County Farmer Degree Ceremony. This degree was conferred upon Arthur Brandt, Ralph Boyer, Adam Brandt, Warren Mathias and Mrs. Margaret Wenger. This recognition is given to those people who have made some type of contribution to the FFA program in Lebanon County during 1980. These people were nominated by the various chapters in the county and voted upon by the current officer team.

Harvey A. Smith, Area Vocational Education Consultant, presented the two top awards conferred by the Lebanon County FFA. This is the naming of the County Star Farmer and Star Agribusinessman for the year 1980. The 1980 Lebanon County Star Farmer is Dean Patches of the Northern Lebanon chapter and the 1980 Lebanon County Star Agribusinessman is Glenn T. Wenger of the Elco chapter. Other candidates for the Star Farmer award were John Kline, of Elco; Wendy Weller, of the Vo-Tech chapter; Jeff Riegel, of Annville-Cleona; and Steve Wenger, of Cedar Crest. Other candidates for the Star Agribusinessman award were Karen Rhode, from the Vo-Tech School; and Kerry Morton, of Annville-Cleona.

The program was concluded with the showing of slides of activities conducted by the various county FFA chapters This was followed by a few brief closing remarks by President Wenger and the official closing ceremonies conducted by the county officers.

The 1980-81 Lebanon County FFA Officers are President, Glenn T. Wenger of Elco; Vice-president Dean Patches of Northern Lebanon; 2nd Vice-president, Mike Bare of Northern Lebanon; Secretary, Karen Rhode of the Lebanon Co. Vo-Tech; Treasurer - Daryl Balmer of Annville-Cleona; Sentinel, Jeff Reigel of Annville-Cleona; Reporter, John Kline of Elco; Chaplain, Bob Bomberger of Cedar Crest; Parliamentarian, Mark Patches of Cedar Crest; and Historian, Wendy Weller of the Lebanon Co. Vo-Tech.

The advisory committee includes Harvey A. Smith, Area Consultant; and the following FFA Advisors: Gerald Strickler, Elco and current county advisor; J. Ray Bickel, Northern Lebanon; G. Lowell Morton, Annville-Cleona; Harold Berkheiser, Cedar Crest; and Donald Snively, Lebanon County Vo-Tech.

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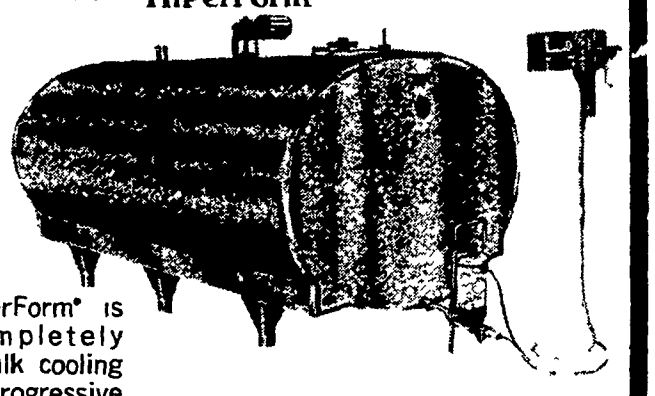

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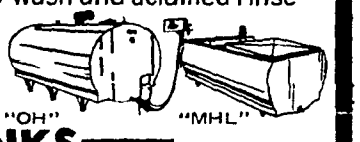

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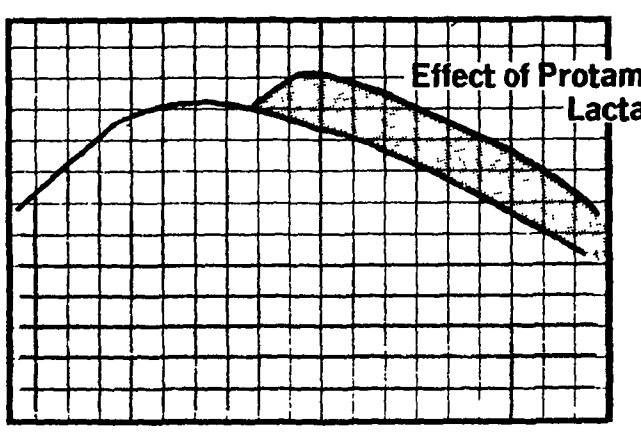

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E-Town dominates FFA agronomy

ELIZABETHTOWN — Members of the Elizabethtown Chapter of Future Farmers of America dominated the Lancaster County FFA Agronomy Contest held Tuesday at the Elizabethtown High School.

Competitors from Elizabethtown captured four of the five top team placings and seven of the ten top individual placings.

The contest, which extended over an hour and a half, included the identification of weeds, various legumes and grasses, insects and diseases; questions based on the Agronomy Guide and the judging of several hay samples.

The winning Elizabethtown team, which was presented a trophy by Guy Braxton, field representative for Monsanto, included Jay Garber, Kevin Noll, Randy Greenly and Tracey Stowe. Garber and Noll also finished first and second respectively in the individual competition.

Team finishings included Elizabethtown A Team, first; Manheim A team, second; Elizabethtown D team, third; Elizabethtown C team, fourth; Elizabethtown B team, fifth; Pequea Valley A team, sixth; Manheim C team, seventh; Manheim B team, eighth; and Pequea Valley B team, ninth.

The order of individual finishers, behind Garber and Noll, who took first and second respectively, were Tracey Stowe, Elizabethtown, third; Barry Geib, Manheim, fourth; Joe Brandt, Elizabethtown, fifth; Darrell Lehman, Elizabethtown, sixth; Randy Greenly, Elizabethtown, seventh; Cyndie Retherford, Elizabethtown, eighth; Mike Phalfger, Manheim, ninth; and Jeff Fiester, Pequea Valley, tenth.

Members of the top Elizabethtown Chapter team in the Lancaster County FFA Agronomy Contest include, clockwise from the left, Tracey Stowe, Jay Garber, Randy Greenly and Kevin Noll. Garber finished first in individual scoring and Noll was second.

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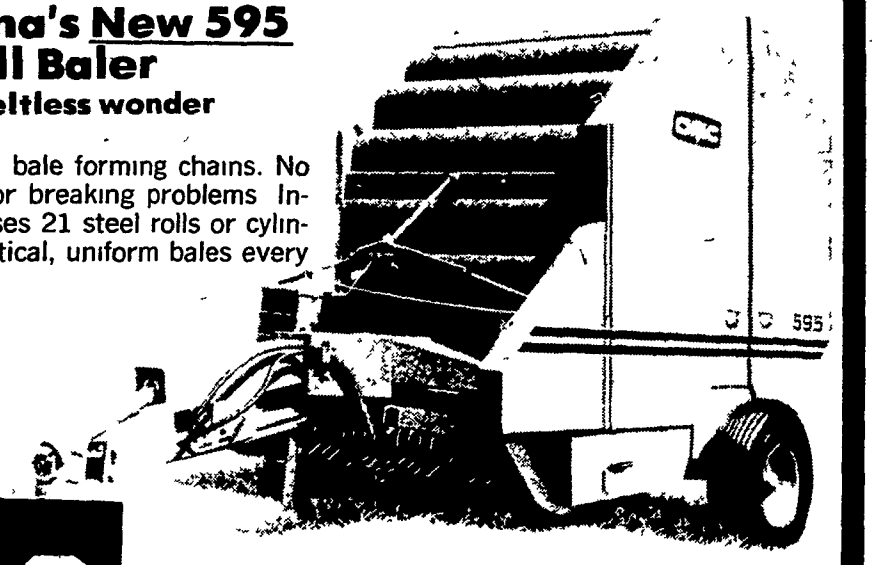

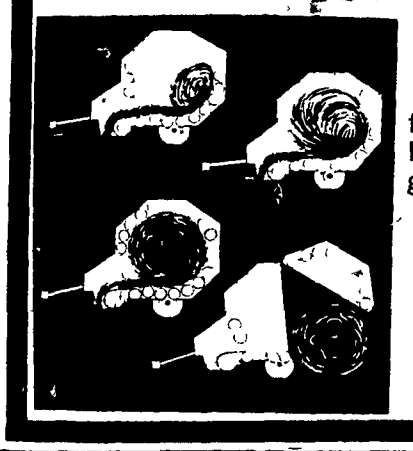

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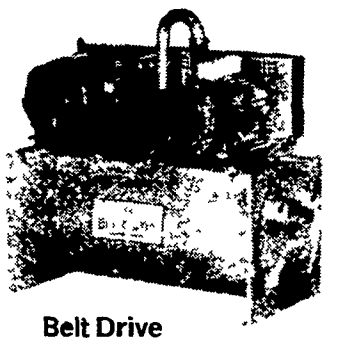

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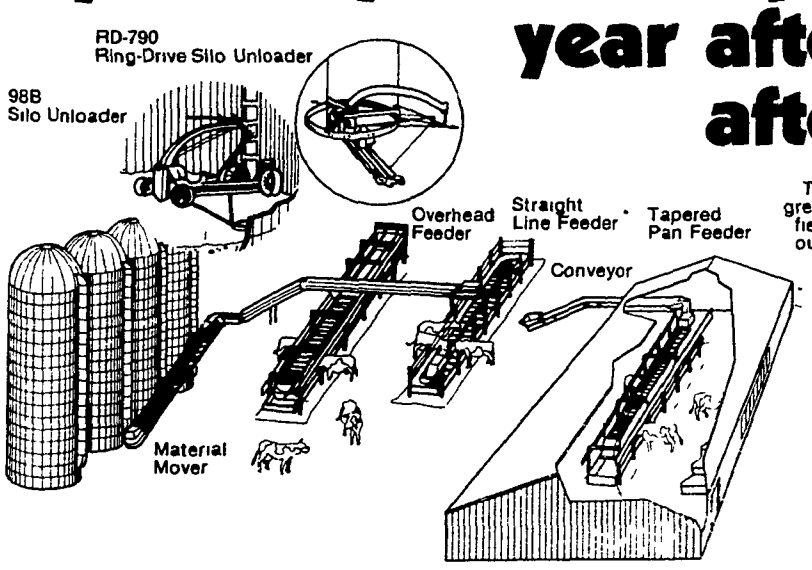

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Think safety this summer

Be safe wth power lawn equipment

NEWARK, Del. — The old-fashioned push mower had one big advantage over today's power lawn mower - it was a lot safer.

The U.S. Consumer Product Safety Commission estimates that last year about 65,000 people received hospital emergency room treatment for injuries associated with power lawn mowers and garden tractors. Another 10,000 were injured by powered hedge trimmers.

Ron Jester, Delaware extension safety specialist, says studies show that serious lawn mower accidents may result when objects are picked up and thrown by lawn mowers; when riding mowers tip over on steep slopes; when mowers operating in reverse run into someone; and when a person clears grass from the discharge chute or adjusts the machine before the blades have fully stopped.

Many other accidents are caused by the improper use of flammable liquids. To avoid accidents, Jester recommends studying the owner's manual and following the safety rules outlined below:

—Buy a power mower with a rear guard to protect hands and feet from blades, and a downward-aimed discharge chute.

—Before mowing, rake up wires, cans, rocks, twigs, and other litter.

—Don't mow a wet lawn. Footing is unsafe, and grass often clogs the discharge chute, tempting you to clear it with the machine running.

—Always turn off the mower and disconnect the spark plug wire or electric plug before unclogging or adjusting the machine. Even a slight rotation of the blade could start the engine.

—Never refuel a mower while it is running or the engine is hot.

—Mow across slopes with a walking mower. Drive a riding mower up and down slopes for stability.

—Be careful not to run over the cord of an electric mower.

—Push, don't pull, a hand mower.

—Don't smoke near a power mower or near gasoline.

—Keep people and pets out of the mowing area.

—Stop the engine, even when you leave the mower for only a moment.

Jester says accidents with garden tractors are typically caused by overturning on uneven terrain, steep slopes or embankments; by running over victims, especially when the operators puts the garden tractor in reverse; and by ignition of flammable liquids.

Other accidents involve falls from tractors which are going too fast, or when shifting gears. The following suggestions will help assure a safe season with your garden tractor:

—Never allow children to operate the tractor, and keep them away from the area when you are operating it.

—Drive up and down slopes rather than across for greater stability.

—Don't try to tow other vehicles or pull them out of ditches or mud.

—Never refuel a garden tractor indoors. A spark or pilot light can ignite vapors.

—Start the garden tractor outdoors. Carbon monoxide gas can collect in a garage.

—Keep children away from the machine and the gasoline.

Don't take chances with power equipment, warn Jester. Using common sense will prevent most accidents.

CARL MARTIN YOST
FOR SUPERIOR COURT
See Page A-18

Could you help an injured victim?

How would you save a person who stopped breathing?

Centuries ago the victim would have been beaten with stinging nettles to bring him around. In the 1500's a fireside bellows was used to pump pair into a victim's lungs. North American Indians tried to revive apparently dead persons by blowing smoke into an animal bladder attached to the victim's rectum. In the early 1800's drowning victims were bounced along on the back of a horse.

No one uses those techniques today. But some people still cling to the old back-pressure-arm-lift method, even though scientific tests have shown that mouth-to-mouth resuscitation delivers more oxygen to the blood and enables the first-aider to do a better job of monitoring the victim's response.

Are your first aid skills up-to-date? If you haven't had training recently, you may be surprised to discover that much of you know-how is obsolete. To find out if you need a refresher course, consider what you would do in the following situations. (Answers follow).

1. One night you and a friend come upon a car which has run off the road and hit a tree. The front end is completely smashed and the driver is unconscious. He's bleeding heavioy but his breathing is okay. There are no other passengers. What should you do?

A. Leave the victim in the car. Give him first aid. Send your friend to call an ambulance.

B. Gently move the victim to a level spot on the ground outside the car where you can monitor his vital signs and give him first aid. Send your friend to call an ambulance.

C. Put on a pressure bandage to stop the bleeding. Then improvise a stretcher from a blanket and carry the victim to a hearby home. Give him additional aid and call an ambulance.

D. Put on a pressure bandgage to stop the bleeding. Then move the victim gently to your car and take him to a hospital.

E. None of the above.

2. You're taking a pan of bacon off the stove when you accidentially pour hot grease on your hand. The pain is tremendous. What should you do?

A. Quickly rinse off the grease in cold water, apply a burn ointment and rush to the hospital.

B. Stick your hand in cold water. Have someone make up an ice-bag and keep your hand against that on the way to the hospital.

C. Put your hand under cold water for several minutes. Blot it dry, apply burn ointment, bandage it and go to the hospital.

D. Bandage the burn and rush to the hospital.

E. None of the above.

3. The grandparents come to visit. Grandmother has trouble with insomnia and takes sleeping pills at night. Because she doesn't like the childproof cap, she leaves the bottle open on the night stand. In the morning your three-year-old finds the bottle and swallows half the contents. You catch her in the act. What is the best way to make her vomit the medicine?

A. Give her a glass of concentrated salt water.

B. Give her a glass of mustard and water.

C. Stick the blunt end of a spoon into her throat.

D. Give her a tablespoon of syrup of ipecac.

E. None of the above.

4. Your family goes ice skating on a cold day in January. One of the kids is wearing very tight

(Turn to Page C23)

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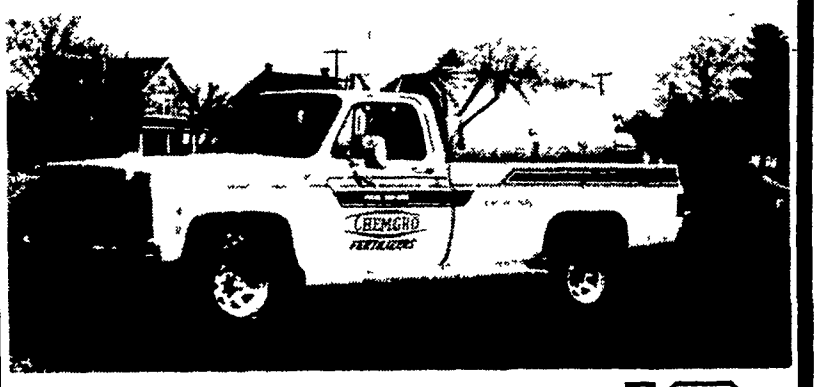

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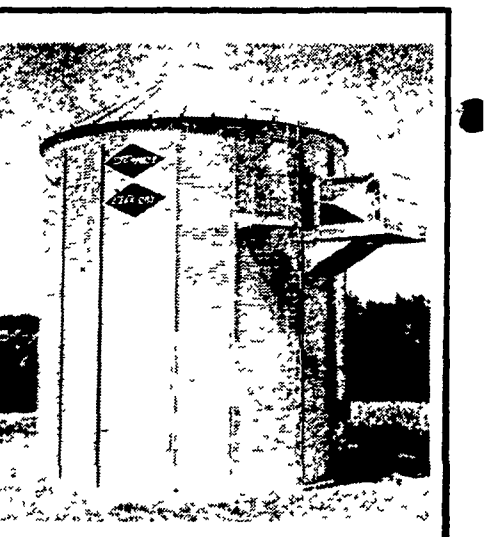

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First aid quiz

(Continued from Page C22)

skates, and his toes become frostbitten. What should you do?

A. Rub the toes gently with fresh snow.

B. Rewarm the foot rapidly by putting it in warm water.

C. Bring the child indoors and let the toes rewarm gradually in the warm air of the room.

D. None of the above.

5. Your eight-year-old daughter scrapes her knee on the sidewalk while playing hopscotch. The knee is bloody, but the wound is not serious enough to take her to the doctor. What should you do?

A. Apply iodine and bandage the wound.

B. Use a spray-on antiseptic, then bandage the wound.

C. Wash the wound with soap and water, then bandage it.

D. Wash the wound, use an antiseptic, and then bandage it.

E. None of the above.

6. You're in the middle of a dinner party when one of the guests suddenly turns blue and collapses. Everyone panics. The victim's wife turns to you and screams, "He's having a heart attack! Do something! What is the first thing you should do?

A. Call an ambulance.

B. Ease the victim onto the floor and put pillows under his head and shoulders to aid blood flow and assist breathing.

C. Get a nitroglycerin tablet from another guest who has heart problems and put the tablet under the victim's tongue.

D. Start CPR (cardio-pulmonary-resuscitation).

E. None of the above.

7. While on vacation in California you go for a hike and stumble across a sunbathing rattlesnake. He strikes and bites you on the lower leg. What should you do?

A. Run to the nearest vehicle and rush to the hospital where antivenom shots are available.

B. Make cross-shaped cuts over the fang marks, suck out the venom and go for help.

C. Apply a tourniquet, make cross-shaped cuts over the fang marks, suck out the venom and go for help.

D. None of the above.

8. A fellow employee has epilepsy. Normally it's controlled by medication, but one day he forgets to take his pills and has a seizure while you're talking to him. He starts thrashing and having convulsions. What should you do?

A. Lay him on the ground and hold him down firmly so that he doesn't hurt himself.

B. Splash cold water in his face to help bring him back to normal.

C. Lay him on the ground, put a coat under his head, and stick a pencil between his teeth to prevent him from biting his tongue.

D. None of the above.

Answers

1. A. In any auto crash, there is a strong possibility of spinal injury. If you move the victim without proper back and neck support, you could sentence him to life in a wheelchair. Give first aid in the car.

The same advice applies to diving accidents. The victim should not be dragged from the water until back support is available. Give him artificial respiration as you support him in the water, with his head in line with his back.

2. B. Butter, oil and burn ointments are no longer recommended for burns. A doctor will have to remove these applications before he can treat the burn, and removal can be a slow and painful process.

Fast application of cold water is the best way to halt destruction of tissue in first or second degree burns. But ice water should not be applied to major burns covering large areas of the body because cold can intensify the shock reaction. Instead, wrap the victim in a clean sheet or towel to cut off air circulation to the burn and rush him to the hospital.

3. D. If you don't have ipecac syrup, give the child several glasses of water, and gently place a finger in the back of her throat to induce vomiting. Then get her to the hospital.

A note of caution: some poisons should not be vomited. For this reason experts recommend that you check with your doctor or local poison control center before giving an emetic.

4. B. Once warmth is restored, the affected area should be gently washed with a mild detergent and blotted dry. Then see a doctor. Frostbitten tissue should never be rubbed with snow, nor rubbed or chafed at all.

5. C. For minor wounds the experts recommend a thorough washing with soap and water. To minimize the chance of infection, first clean your hands, then the area around the injury, and finally the wound itself, using a sterile pad and wiping away from the wound. Coughing, sneezing or breathing directly on the wound must be avoided.

6. E. If the person collapses during a meal, there's a good chance he's choking on a piece of food. Ask him. A heart attack victim should be able to speak; a choking victim can't.

If he is choking, wait a few seconds to see if he can cough out the food. It not, stand behind him, put your arms around his waist and place your fist against his abdomen just above the navel. Squeeze rapidly and forcefully. Hopefully the plug of food will be dislodged so that you can reach in his mouth and pull it out.

If he is too heavy to hold, you can perform the same maneuver while straddling the victim as he lies on his back.

If it is a heart attack, call an ambulance. If the victim is breathing, prop him up in a sitting position to aid breathing and blood flow. If breathing or heartbeat stops, begin resusitation immediately.

7. D. Stay calm. Excitement and exertion (such as running for help) will speed the poison through the body.

If a car is at hand and medical assistance is only a few minutes away, it may be best to go for help before making any incisions.

If help is not readily available, apply a "constricting band" above the bite with a belt, sock, neckerchief or other flat bandage. A constricting band is similiar to a tourniquet, but loose enough to slip a finger under it. You should be able to feel your pulse beyond the band. This will prevent the poison from spreading, yet keep the limb supplied with blood.

Cleanse the bitten area and then make a straight cut over the fang marks through the skin only. Be careful not to cut too deeply. Suck the venom out gently with the suction cup of a snakebite kit. Continue for 30 to 60 minutes.

8. D. Do not try to restrain a person who is having convulsions. Instead, ease him to the floor, put a coat or other soft cushion beneath his head and remove chairs and other obstructions which could hurt him. Do not try to jam a pencil or other hard objects between his teeth because a pencil could damage the tissues or it could break and be swallowed. Instead, use a clean, rolled-up hankerchief or other soft cloth to prevent the victim from biting his tongue. Make sure it does not obstruct his breathing.

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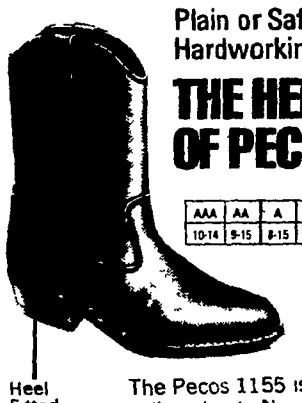

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AAA	AA	A	B	C	D	E	EE	EEE
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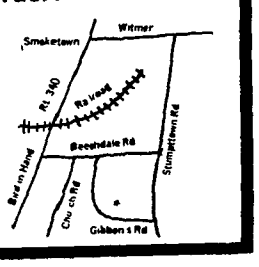

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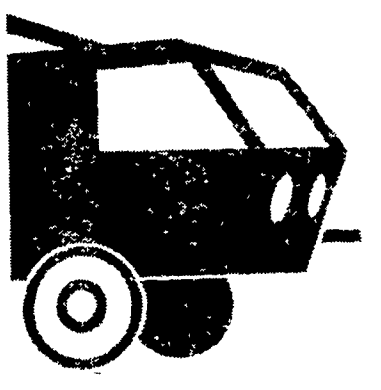

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Genetically superior hens reduce egg breakage losses

PENN STATE — Poultry scientists at Penn State have developed genetically superior hens to help poultrymen reduce losses of some $250 million annually from egg breakage.

Directing the research still underway is Edward G. Buss, professor of poultry science at University Park. Buss and associates have developed hens with the genetic ability to produce either high or low shell quality — to use in comparisons.

"Improved shell quality through genetic selection would require only maintenance of the desired shell strength through breeding techniques," Buss stated.

Poultrymen know, he said, that egg shell quality normally declines during 14 months of laying. However, even after 14 months, hens in the better genetic line produced stronger shells than the hens of the lower quality genetic line.

Buss reported that shell breakage in some flocks exceeds 10 percent of the eggs laid. Eggs with high shell quality can best withstand damage from laying cages, egg conveyor belts and processing equipment, and handling of cartons.

He said eggs with high shell quality have 10 percent or more of their weight in the shells. Shell weight may vary from a high of 11 percent to less than seven percent. When the percent shell is below nine, there is a noticeable increase in breakage. Losses become critical below 8.5 percent shell weight.

"The results of our experiments indicate that it is important to start with hens producing eggs with high shell quality, above 10 percent of the egg in shell weight, if an acceptable level of shell quality is to be maintained over a 14-month laying period," Buss affirmed.

The findings suggest, he said, that hens in the genetic line producing high shell quality are superior at absorbing calcium from the intestinal tract.

"When the diet is deficient in calcium, these same hens produce poorer quality shells," he stated.

Attempts were made at University Park to improve shell quality by feeding a diet containing 5 percent calcium in place of the 3.5 percent calcium in a standard diet for hens. The results showed no significant change for hens with high or low shell quality.

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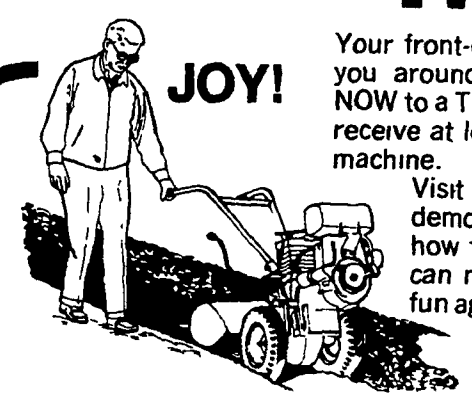
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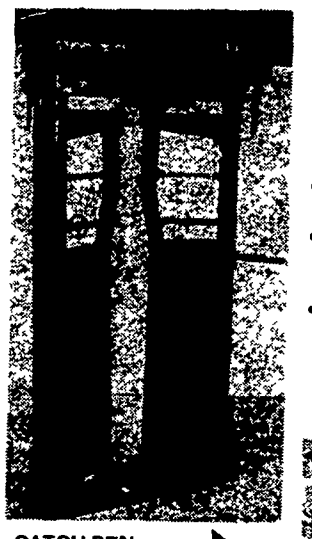

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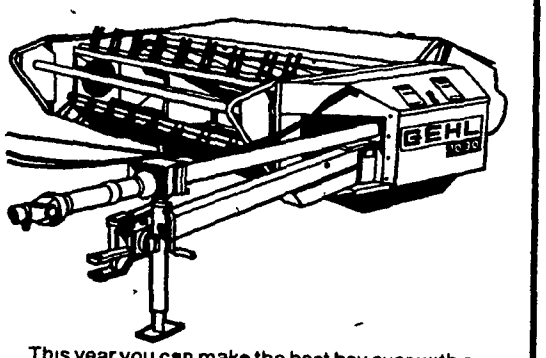

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How are food $$$/divided

WASHINGTON, D.C. — Slower rising food prices last year partly reflected slower rising farm prices.

Farm value—prices farmers receive for products later used for food—rose only 5.3 percent, half as much as in 1979.

Depressed livestock prices, particularly in the first half of the year, take much of the blame. These developments contributed to the sharp drop in 1980 farm income.

The modest gain in farm value also had an effect at the retail level. It helped limit the overall increase in foodstore prices to 8 percent, down from more than 10 percent in each of the two previous years, according to USDA economist Denis Dunham.

However, not all of last year's restraint in retail food prices came from the farm side, Dunham notes. The farm-to-retail price spread—representing the food industry's charges for handling, processing, transporting, and retailing food—rose 8.4 percent, only two-thirds as much as in 1979.

On the other hand, prices rose sharply for fish and imported foods (farm value and the farm-to-retail price spread cover only domestically-produced farm foods). These prices jumped 11.7 percent, much faster than in 1979. Of course, this doesn't mean that fish and imports were mostly responsible for higher foodstore prices.

Farm value, the farm-to-retail spread, and fish and imports each play a different role in the total food price picture. How big a role each plays depends on how much it rises and its contributions to the cost of food, Dunham explains.

For example, USDA estimates that only about one-third of consumers' foodstore spending goes back to farmers as farm value Thus, the 5.3 percent increase in farm value last year contributed a mere 1.6 percent to the overall 8-percent rise in foodstore prices.

Far more important was the 8.4-percent runup in marketing charges. This larger farm-to-retail price spread accounted for 4.3 percent—or more than half—of the total gain in foodstore prices because marketing charges make up the biggest share of the price of most foods.

Even fish and imported foods, which represent only about a fifth of consumer food purchases, played a bigger role than farm value last year. Due to their steep 11.7-percent price climb, they added 2.1 percent to foodstore prices.

"Farm value not only showed the smallest individual increase of the three components, but it also made the smallest contribution to the overall foodstore price runup last year," Dunham notes.

To a considerable extent, the restrained rise in farm value—and consequently in retail food prices—can be traced back to developments in the farm livestock sector.

Farm prices for livestock suffered last year from larger meat supplies. Pork supplies were up 7.6 percent from 1979, and poultry supplies were up about 2 percent. And even though the amount of beef was about the same as in 1979, it was somewhat larger than it might have been had the drought not forced many ranchers to slaughter cattle they would otherwise have kept.

But why were these developments so influential in determining retail prices when there were sharp farm price increases for grains and other products? A major reason: Meat is one of the product groups in which farm value represents a relatively large share of the total retail price.

The farm value of the retail food dollar varies from one product to another based partly on how much processing the product needs to prepare it for the retail customer.

For example, the farm share is about 9 cents for each retail dollar spent on white bread (wheat only), 30 cents for each dollar spent on potatoes, 55 cents for milk, adn 61 cents for beef.

Thus, a 10-percent change in the farm value of wheat may make a difference of less than 1-percent in the retail price of white bread. In contrast, a 10-percent change in the farm value of Choice beef may translate into a 6-percent price move at retail because about 61 cents of every grocery dollar spent on beef goes to the producer, Dunham says.

Mostly as a result of what happened in the farm livestock sector, retail pork prices averaged more than 3 percent lower than in 1979, and beef and poultry prices rose only about 5 percent.

The small increases in retail beef and poultry prices coupled with lower pork prices help explain the relatively small rise in total 1980 retail food prices. That's because meat accounts for such a large share—about 30 percent—of consumers' food spending.

How much did consumers spend for U.S. farm foods and what did their money pay for? That's another good way to examine the role of farm value, and particularly of marketing costs in the farm-to-retail price spread, Dunham says.

He notes, however, that these figures are for spending on domestic farm foods—excluding fish and imports—and encompass not only grocery store food purchases but also meals in restaurants and other public establishments.

Consumers' expenditures on domestic farm foods totaled $269 billion last year, up $24 billion from 1979 due to higher prices and a slightly larger quantity of food purchased. About 72 cents of each retail food dolar was spent for foods consumed at home.

Farmers received about $86 billion of the total, up $5.4 billion from 1979. About 40 percent of the farm value went to meat producers, and another 18 percent to dairy farmers.

The rest of consumers' food expenditures—$183 billion—went to pay for marketing costs. These costs were up $18.5 billion last year, accounting for three-fourths of the $24-billion increase in food spending.

Labor costs for processing and marketing foods accounted for nerly 45 percent of 1980 food marketing costs. This meant that $82 billion, or 30 percent of total consumer expenditures for U.S. farm foods, went to pay the labor bill—almost as much as went to farmers.

Labor costs, including wages and benefits for food industry employees, rose nearly 11 percent in 1980. Hourly earnings were up more than 9 percent, and benefits rose even more.

Also, more workers were on the payroll than in 1979. Over 7 million people are employed in processing and marketing farm foods. Nearly half of these work in restaurants, fast food outlets, and other eating places.

Food packaging expenses, the second largest food marketing cost, rose 16 percent last year to more than $21 billion. Intercity transportation costs also increased 16 percent to an estimated $14 billion.

The fastest rising item in the marketing bill—although still one of the smallest—was fuels and electricity.

Altogether, the costs of labor, packaging, transporation, and energy accounted for two-thirds of the marketing bill. Other costs include depreciation, rent, advertising, property taxes, repairs, and interest.

Dunham estimates before-tax food industry profits at $10.2 billion, up perhaps only $100 million from 1979. Profit margins as a percent of sales declined as the recession slowed the growth in sales and profit, while inflation boosted operating costs.

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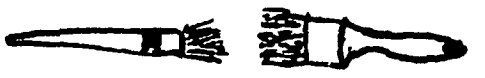

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Land resource map aids planning

UNIVERSITY PARK — Locations and descriptions of 153 soil groups of Pennsylvania are available at an educational, nonprofit cost of $3.25 in the Land Resources Map of the Commonwealth, published by the Agricultural Experiment State at Penn State.

Presenting land resources in graphic form, the map is unlike anything published previously for Pennsylvania. It brings together factors of soil depth, drainage, available moisture, and productive capacities of soils.

Published in 1976, the map has been used widely by industrial and community planners, Penn State officials report. High school and college teachers find it helpful in studying earth sciences. It was developed by Howard W. Higbee, professor emeritus of soil science, who considers it vital for soil and water resource managers.

Multiple patterns and colors are used to portray the 153 soil groups — coded and symbolized for identification. Each soil unit or group is evaluated by 16 characteristics. The more important characteristics are depth, soil drainage environment, geological source of soil material, available moisture, plant rooting zones, and dominant crop production.

Copies are available for $3.25, including tax and postage, from Land Resources Map, Box 6000, University Park, Pa., 16802. Make check or money order payable to The Pennsylvania State University. Allow at least two weeks for delivery.

The map may also be purchased directly in room 234 of the Agricultural Administration Building at University Park. The office is open from 8 a.m. to 5 p.m., Monday through Friday, except holidays.

Get fleeces ready

BAIR — The Cumberland Cooperative Sheep and Wool Growers will hold their 1981 Wool Pool on June 17, from 7 a.m. to 3 p.m. at the Carlisle Fairgrounds.

Producers from nearby counties are welcome to market their fleeces at the Wool Pool. This year's buyer is A.H. Helmig & Co., Inc., Narberth. Prices for fleeces will be determined by grade.

Wool will be graded and weighed in the pooler's presence and a receipt will be given for the total weight in each grade. Producers will receive checks for wool within a few weeks.

Penn State Extension Livestock specialists will be conducting demonstrations on wool grading as part of the day's activities.

All fleeces must be tied, reminds Donna Duncan, secretary-treasurer of the Cooperative.

"Loose fleeces and fleeces tied with binder twine or other string will be sold as rejects. Paper twine will be sold at the Fairgrounds.

"Wool must be free of excessive moisture," she adds. "Examine your fleeces now. If they're wet, dry them in the sun and store in a dry place — not in the cellar or on concrete.

"And, please don't bring wool to the Pool in plastic woven bags or they'll be severely discounted."

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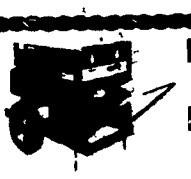

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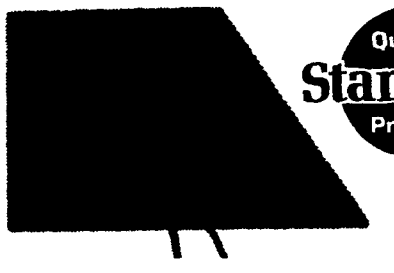

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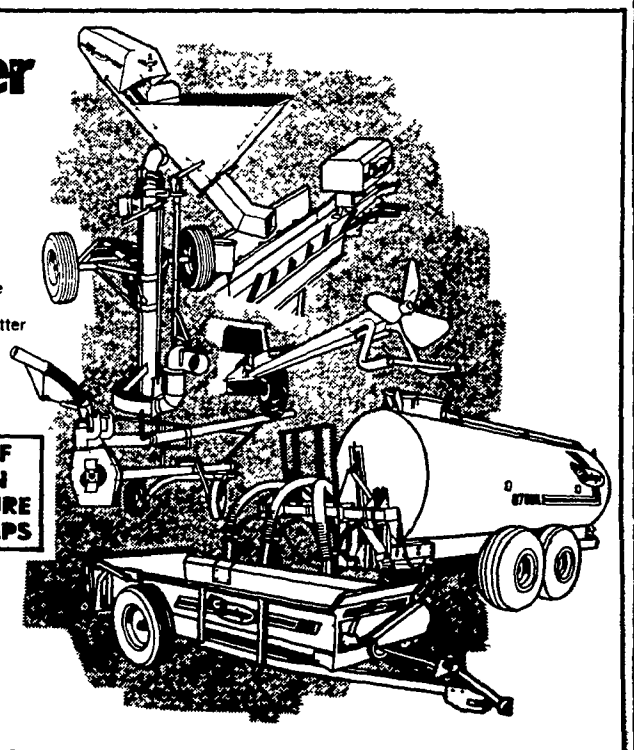

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Farm Women Societies

Lancaster Co. Society 24

Fifteen members of Society 24 enjoyed a walking tour of Lancaster on Saturday, April 25.

Following the tour, members returned to the home of Mrs. Mary Ann Greiner, Leola, for a short meeting.

President Joanne Smoker announced the final plans for the Spring Rally May 21, at Carlisle.

Donations of $25 each were given to the following: Heart Association and Cancer Society.

The group will meet May 27 at the Lancaster Farm and Home Center at 7:30 p.m., when Society 14 and county officers will be guests to a 25th Silver Tea anniversary.

Lancaster Co. Society 27

Lancaster Society 27 met recently at Erisman's Mennonite Church for a mother and daughter banquet.

Mim Kauffman lead the group in a song followed by a 125 mile armchair hike by Eugene and Dorothey Saylor.

They also explained interesting facts about 97 local wildflowers and several wild animals. Saylor told the group there are 450 different wildflowers in Lancaster County. He also said that some of the flowers take as long as seven years to reproduce.

York County Executive Board

York County Society of Farm Women announced county activities at an executive board session held in the York Mall Community room recently.

The Ways and Means Committee, headed by Anna Mae Snyder, decided to have a Bakeless Bake Sale.

The York County picnic will be held Wednesday, August 5 at the 4-H Center, Bair.

The following were elected as officers of the listed committees: Food, Arlene Miller; Beverages, Verna March; Set Up, Marian Leiphart; Adult Entertainment, Arlene Smith; Children's Entertainment, Diana Moyer; Clean-up, Mrs.Harold Bosserman.

It was announced that all groups are to have a safety meeting in the 1981 year.

The next board meeting will be held September 28, 1981.

Lancaster Co. Society 28

Lancaster County Farm Women 28 recently met for their April meeting at the home of Mrs. Norman Kolb, Lancaster.

For roll call, each member introduced their guest from Society 18.

For the program, Chuck Peters spoke about the Hospice program in Lancaster.

For the May meeting, members will tour Herr's Potato Chip Plant with husbands as guests. The tour will begin at 7:00 p.m.

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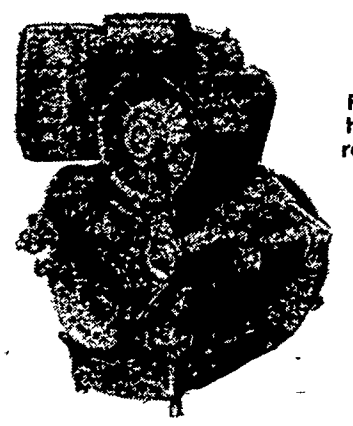

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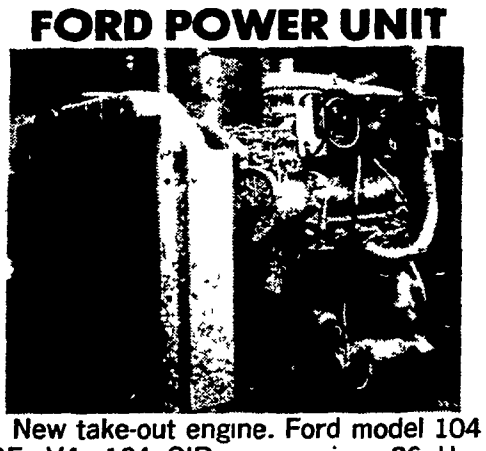

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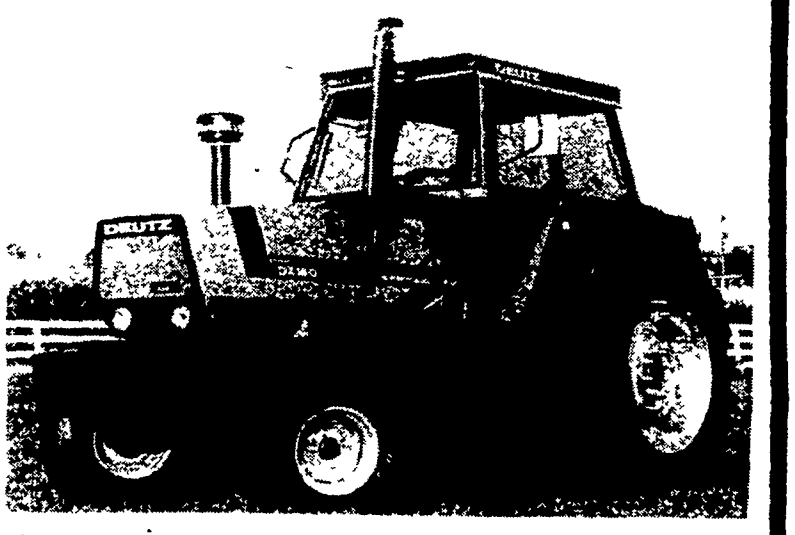

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Fourth eagles nest found

HARRISBURG — A fourth nest of bald eagles has been found in Pennsylvania; the first new nest in many years.

The new nest is located on State Game Lands in the Pymatuning/Conneaut Marsh area in Crawford County. It is in the same area as the previously-known bald eagle nests.

Fred Brown of the Game Commission's Pymatuning staff discovered the nest while working on game lands maintenance.

"My first reaction was to wonder if it was possible," George Palahunik, waterfowl management assistant at Pymatuning, said. "But then I realized that Fred was serious. We're all pretty excited about it around here."

Subsequent observations by Game Commission personnel revealed that there was an eaglet in the nest.

Game Commission personnel have been tracking down rumors of additional bald eagle nests in the Pymatuning area for the past two years.

Michael Puglisi, the Game Commission's coordinator for threatened and endangered species, said, "We expected to find an additional nest in the area, but we were looking for it farther south. Either the birds moved north, or there may be another nest that we still don't know about."

Game Commission officials are also uncertain about the origin of the new eagles. They may be birds that were raised in the Pymatuning/Conneaut Marsh area sometime in the past, or they may be from some other area.

There is no way of determining where the birds came from since the Game Commission began banding young eagles only last year.

Eaglets have been raised in three nests in the Pymatuning/Conneaut Marsh area for a number of years, although in many of those years only one or two eaglets survived.

Four eagles, a modern record, were produced in nests in the Pymaunting/Conneaut Marsh area last year, but these birds are not yet old enough to nest. Bald eagles do not reach maturnity until they are four or five years of age.

The Game Commission is continuing to monitor the state's other three bald eagle nests. In at least one of the nests, and possibly in the second, the birds are believed to have had some hatching success.

The third pair of eagles, those whose nest can be observed from the Game Commission's waterfowl museum on Ford Island, lost their first set of eggs earlier this spring.

However, the loss of the eggs, believed to have been thinshelled, did not cause the birds to abandon their nest. They remained in the vicinity, and were periodically observed carrying material to the nest.

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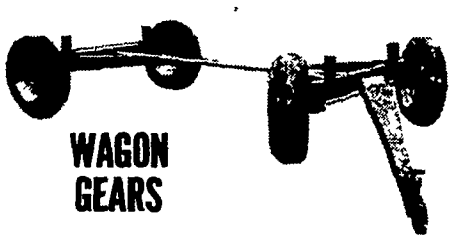

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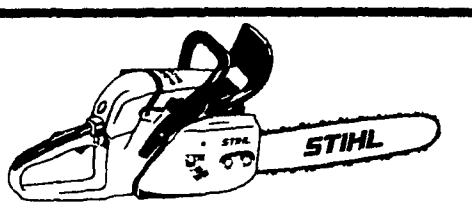

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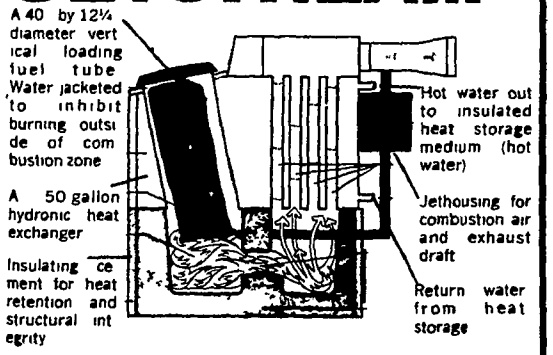
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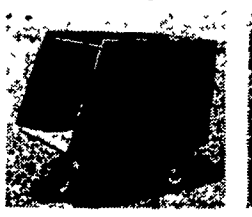

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Researchers scramble to hatch stronger eggs

WASHINGTON, D.C. — The average U.S. laying hen produced a record 243 marketable eggs last year, but the total could have been even higher — perhaps 260 per hen - if only eggs had sturdier shells.

Shell breaks are a problem and a costly one.

"First of all, breakage means a direct cash loss to producers," says USDA economist Allen Baker. However, breakage creates all kinds of other problems as well. Appearance, for example.

Shell breaks are a problem and a costly one

"One broken egg in a carton can soil other eggs, causing them to be classified as 'dirties,' which reduces their market value. Dirties" can't be sold to consumers as edible eggs. Instead, they are diverted to "breakers," and sold at a lower price for use in processed foods.

"A more serious problem — quality deterioration and possible bacterial contamination — can leave producers or processors with a carton of eggs of little or no market value," adds Baker.

The danger of breakage begins as soon as the eggs leaves the hen. In fact, by some research estimates, roughly 7 percent of the nation's eggs never get out of the chicken house because the shells are inadequately formed or too fragile for the collection process.

Today's high volume production is largely mechanized and some researchers say this has probably

increased the breakage problem. Fragile shells aren't likely to make it through the mechanical gathering, washing, and packing process of modern assembly-line egg production operations.

Studies on breakage, completed in California during the early 1970's, indicated anywhere from 2.3 to 11.8 percent of eggs were cracked or smashed en route from the nest to the carton. Most breakage (71 percent) had already occurred during the initial transport, while the rest took place during other mechanized processes — 13 percent during loading, washing, and drying and 16 percent during weighing, grading, and packing.

Assessments of total egg losses caused by breakage vary widely because no national figures are collected. Within the industry, however, there seems to be a consensus that losses are greater than most current estimates indicate because they don't fully account for breakage throughout the marketing chain.

For example, one industry shipper reported 8 to 10 percent losses in transporting eggs from the processing plant to the marketplace. Why? - broken egg shells and the mess they make.

The danger of breakage begins as soon as the egg leaves the hen

Just how hard would it be to make a tougher eggshell?

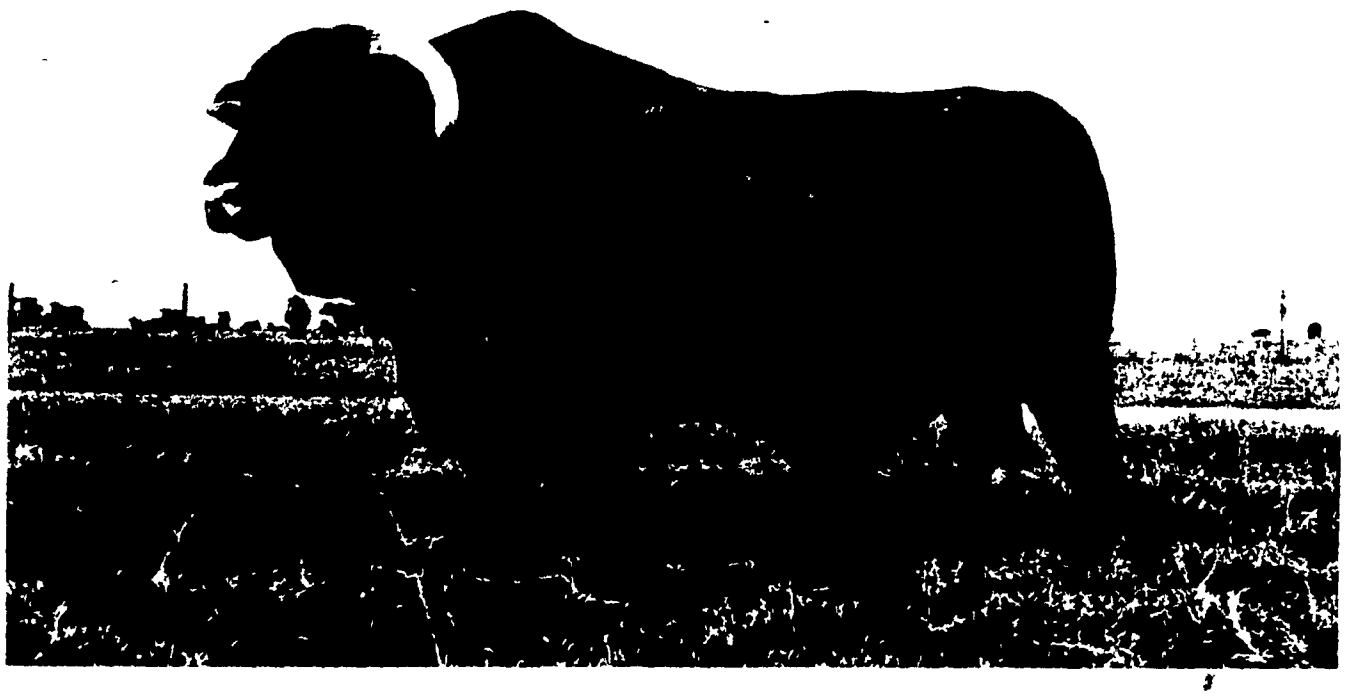
"Difficult, but we hope not impossible," admits USDA egg expert George Mountney.

Mountney coordinates a research program dealing with eggshell quality. It's part of the state agricultural experiment station programs dealing with problems of regional or national importance. Federally funded, as well as by some state sources, the research is officially called Project S-131 — "Eggshell Quality in Avian Species."

One S-131 researcher is David Roland of the poultry science department at Auburn University. Like colleagues at 14 other

(Turn to Page C30)

WHERE'S THE WATER?



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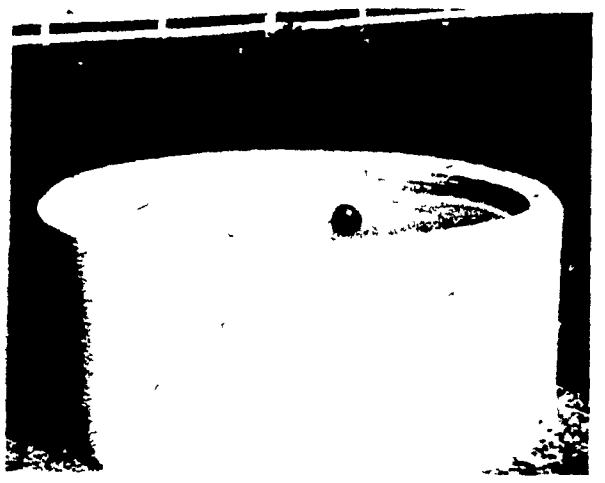

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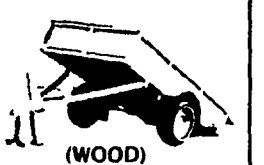

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Hatching eggs

(Continued from Page C29)

cooperating land-grant colleges throughout the country, Roland is experimenting — in the laboratory and with a control flock — to find ways of improving eggshell quality.

Another researcher, Joseph Soares, Jr., of the University of Maryland, is looking closely at the relationship of vitamin D to the female hormone, estrogen.

Recent findings prompted researcher to recommend change in feeding time

Recent findings prompted him to recommend that producers change the usual feeding time for layer hens from morning to evening, when the hen naturally starts producing calcium for eggshells.

"It occured to me that if feed goes in the hen's body as the calcification process is beginning, all the food nutrients would go directly into the bloodstream and possibly produce a stronger eggshell," Roland says.

Ideas of that sort quickly work themselves into practice, according to Mountney, because researchers are in constant contact and continually publish their findings.

"Vitamin D is changed into estrogen by the hen's body, and we have found conclusive evidence that hens with more estrogen produce stronger eggshells," says Soares.

The "thick and thin" team at Penn State seems to have proved out Soares' theory In experiments under the guidance of Edward Buss, selected lines of hens that produce thicker than average eggshells showed a much higher percentage of natural estrogen levels in their bodies than other breeds of hens that usually produce a thinner than normal shell. So, vitamins and hormones for hens may be part of the answer.

Other researchers are studying the influences of housing and environment, marketing channels, and disease control on the eggshell problem.

The importance of solving the problem is demonstrated by the S-131 research, which indicates that 7.7 of every 100 eggs won't reach collection points because of weak or missing shells.

Sales from 5 billion additional eggs would not be chicken feed

Roland estimates that, in addition to the 69.7 billion marketable eggs produced last year, about 5 billion unusable eggs were produced — eggs that could have brought additional retail sales of about $60 million, based on 1980 prices.

Of course, economists are quick to point out that such an increase in production might have lowered retail prices — also lowering the $60 million estimate for additional sales.

But within the industry, some producers and processors say that new markets could absorb the extra eggs without a serious blow to prices. They cite additional export possibilities, the increased demand in the processed food industry, and the increased need for eggs in fast food chains.

Sales from 5 billion additional eggs would not be chicken fed, even in the multibillion dollar egg industry.

Average returns dipped into the red for egg producers last year. They lost an average 3.2 cents at the wholesale level for every dozen eggs sold, down from a 3-cent profit per dozen in 1979.

This year, producers face cost increases for all inputs, particularly feed. In 1980, the egg-feed price ratio dropped to 6.0 (the sale of one dozen eggs would buy only 6 pounds of feed), a contrast with 1979's ratio of 6.9 and 1978's of 7.0. Early this year, economists predicted possible further drops for 1981. All producers will be looking for ways to increase their yields and run their operations more efficiently.

"It's logical," according to Dave Roland. "If we can improve eggshell quality and reduce breakage, producers could market something they already have."

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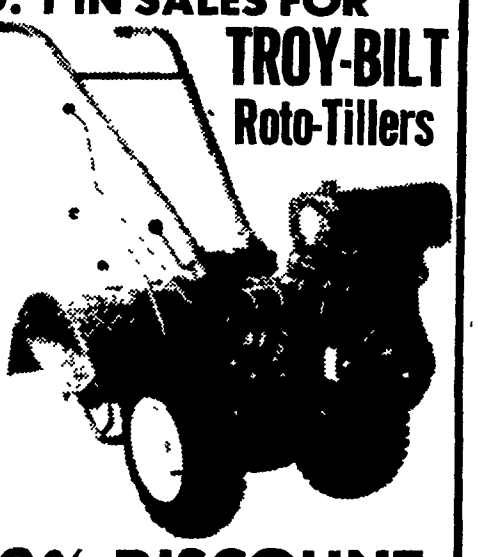

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DER sheet explains drought erosion control

HARRISBURG — The Pennsylvania Department of Environmental Resources has published a fact sheet explaining methods of erosion and sedimentation control for landowners and developers to use during drought emergencies.

According to Walter N. Peechatka, director of DER's Bureau of Soil and Water Conservation, valuable topsoil can be lost to wind and water erosion, even during a drought, and state law requires that earthmovers take steps to prevent erosion, which can lead to water pollution.

Regulations adopted in 1972 under the Clean Streams Law require landowners to develop erosion and sedimentation control plans (E and S Plans) before earthmoving is begun.

If the tract of land to be exposed is larger than 25 acres, the landowner or developer must submit the E and S Plan to the County Conservation District, which then will issue a permit for the activities.

On tracts of land smaller than 25 acres, an E and S Plan must be developed and kept at the site. The Plan does not require prior approval by the County Conservation District.

Revegetation of exposed soil was considered when the Pennsylvania Emergency Management Council (PEMC) adopted regulations in January, 1981, banning certain nonessential uses of water in the Delaware River Basin. PEMC regulations allow the use of freshwater for revegetation of exposed soil where an E and S Plan is required. However, only the minimum rate necessary may be used and only when adequate supplies of other water sources are not available.

According to Peechatka, while revegetation is the best way to prevent erosion, other methods may be used during a drought emergency. These include application of mulch or construction of diversion ditches to direct runoff and interceptor ditches, below disturbed areas, to collect surface water flows.

To obtain a copy of the fact sheet, or for help in developing an E and S Plan, contact the County Conservation District office in the county where the land is located.

DER cautions landowners to contact their municipalities or water suppliers before proceeding with revegetation, because some suppliers have imposed local water use restrictions more stringent than the state regulations.

Limousin sale averages $1,380

COLUMBIS, Oh. — The third annual Eastern Limousin Breeders Association spring show and sale was held May 2 at the Ohio State Fairground with the 46 lots totaling $63,400 at an average $1,380.

Worrell Land and Cattle Co. of Charlottesville, Va. topped the sale with Matching Joyce BTR26F at $3,200. She is a 1974 fullbred daughter of Favori and sold bred to High Sierra. Royce Nease and Son, Gravette, Ark., was the buyer. The Champion purebred female, CHLL Royal Miss, was consigned by Cheryl Linthicum, Welch, OK. This April, 1980 daughter of KRCO Carnaval Royale sold to Liberty View Farm, Wilmington, Oh. for $2,000. The Reserved-Champion purebred female was a Fawley Farms, of Lynchburg, Oh. entry. She was a Hanchon's Home Run daughter and sold to Herbert Fields, Cedarville, Oh., for $1,225. The twenty-two purebred females averaged $1,327.

Topping the purebred bulls was INSF Real McCoy H37M an Interstates Farm, Reedsville, W.Va., consignment. He is a January, 1980 son of the Real McCoy and sold to Walter Burns, Waynesburg, Pa., for $2,500. The Grand Champion purebred bull was FWLY Home Run Sidewinder. This April, 1980, son of Hanchon's Home Run was consigned by Fawley Farms, Lynchburg, Oh., and sold to Line Limousin, Carlisle, Pa., for $1,585. The nine purebred bulls averaged $1,682.

The Champion percentage bull was consigned by Gordon Briggs, Gambier, Oh. This June, 1980 Dictator son sold to Interstates Farm, Reedsville, W.Va., for $2,050. A Line Limousin, Carlisle, Pa., entry sold to John Clark, Tippecanoe, Oh. This April 1980 son of Four Square Herbie sold for $1,800. Eleven percentage bulls averaged $1,338. Four percentage females averaged $1,096.

Gordon Briggs, Gambier, Oh., was the show and sale chairman. Tom Lindsey, Mt. Sterling, Oh., was the show judge. The auctioneer was Bruce Brooks and American Cattle Service managed the sale.

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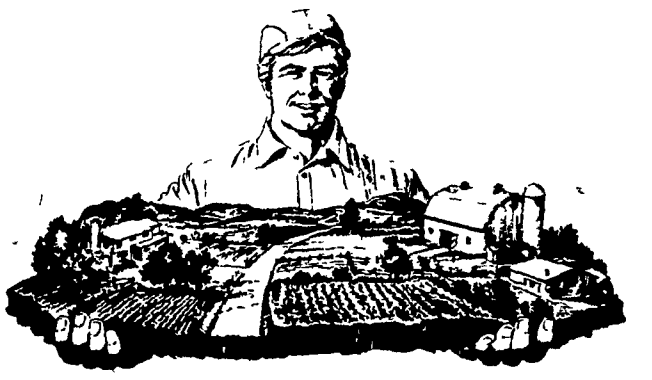

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April Order 4 base milk price set at $14.02

ALEXANDRIA, Va. — Middle Atlantic Order Market Administrator Joseph D. Shine today announced an April, 1981 base milk price of $14.02 per hundredweight and an excess milk price of $12.44. The weighted average April price was $13.93 and the butterfat differential for the month was 16.9 cents.

The base milk price declined four cents from March, while the April weighted average prices was down nine cents. The advertising withholding rate, which is deducted from the base and excess milk price and not the weighted average price, was 13 cents a hundredweight and the amount withheld totaled over $677,000.

The gross value of producer milk during April was $72.4 million, compared to $61.0 million a year ago.

Mr. Shine said that producer totaled 520.8 million pounds during April and were at a record high level, exceeding the previous high in March, 1981 by over 682 thousand pounds a day. Milk production was up over 46.3 million pounds or 9.8 percent from last April. Production increased seasonally by 4.1 percent from March, on a daily basis.

Class I producer milk totaled 242.8 million pounds and accounted for 46.62 percent of total producer milk receipts during the month, the lowest Class I percentage ever recorded. The Class I utilization last April was 49.96 percent. Base milk accounted for 86.79 percent of total producer milk receipts in April, compared to 88.98 in March and 88.11 percent a year ago. There were 7,470 producers supplying 64 Order 4 pool handlers during the month. The number of Order 4 producers was up by 221 from last April.

The average daily delivery per producer of 2,324 pounds was 142 pounds or 6.5 percent above a year ago. The average butterfat test of producer milk was 3.70 percent for the month, compared to 3.75 percent in March and 3.69 percent one year earlier.

Middle Atlantic Order pool handlers reported Class I in-area milk sales of 204.7 million pounds during April, a drop of 1.2 percent from last April, after adjustment to eliminate variation due to calendar composition.

Charolais cow wins Diamond award

HOUSTON, TEX. — The American-International Charolais Association's seventh and newest Diamond Dam of Distinction is the registered purebred Charolais cow Queen Punkin, F 67161, owned by James and Carol Doughty, owners of Big Creek Charolais of Holden, Missouri.

Queen Punkin was born on March 15, 1969 and is by the Charolais bull Prince Charmer, M 34701, out of the Charolais cow Genice, F 34572.

Queen Punkin had her first calf May 8, 1971 and her tenth and qualifying calf March 25, 1980 resulting in a 361-day calving interval. She has since had her eleventh calf, on March 14, 1981, just one day before her twelfth birthday.

Queen Punkin's 10 calves had an average adjusted 205-day weaning weight of 748 pounds and a ratio 15 percent above the average of their 111 contemporatires.

The Charolais bull Alphonse, M 7273, is both Queen Punkin's maternal and paternal grandsire. This combination of breeding make her one-eight or 12.5 percent inbred.

To qualify for the AICA's Diamond Dam of Distinction Award, a registered purebred Charolais dam must produce 10 calves by 12 years of age, with each calf having an adjusted 205-day weaning weight ratio of 101 or greater. In addition, the cow must have a regular calving interval of 365 days. Twin calves are counted as one calving and no ovum transplants are eligible.

Owners of the cows that qualify for these awards receive an official certificate suitable for framing.

Breeder group elects

COLUMBUS, Oh. — The Eastern Limousin Breeders Association held their annual membership meeting May 2 at the Ohio State Fairground in Columbus. Three new directors elected for three years, were Bob Bell, Cooksville, Md.; Ron Slagle, Bruston Mills, W.Va.; and Keith Kissie, Charlottesville, Va.

The membership approved the following Limousin shows for the coming year - Eastern National Livestock Show, The Ohio State Fair, and Highland County Fair, Hillsboro, OH. Several sizeable donations were given to help support these shows.

Rendell Shira, Mt. Vernon, Oh. director of the North American Limousin Junior Association, met with juniors interested in forming a junior association. The group decided to have an organizational meeting at the summer field day. Any youth interested in becoming a member should contact Rendell or this association.

In the board meeting following the membership meeting, Larry Sterling, of Reedsville, W.Va., was re-elected president. The new vice-president is Bob Bell. Jim Fawley, of Lynchburg, Oh., was re-elected secretary-treasurer. Gordon Briggs, Gambier, Oh., was appointed again to direct the spring show and sale to be held May 1, 1982 at Columbus. Richard McDonald Jr., of Shippensburg, Pa., was appointed promotion chairman. Other members of the board are Harry Kesterson, Parkersburg, W.Va., and Charles McDonald, Inwood, W.Va.

The association territory includes Delaware, Maryland, New Jersey, New York, Ohio, Pennsylvania, Virginia, West Virginia, and New England. All cattle breeders or persons interested in Limousin are encouraged to contact any member of the board or Jim Fawley, secretary-treasurer, 3540 Anderson Road, Lynchburg, Oh. 45142.

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See Page A-18

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Juniata County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

April 1981

Records were calculated for 4,886 cows in 86 herds

The ten high herds in average butterfat production per cow, per day are listed below. Owner's name, number of cows, average daily pounds milk and butterfat per cow are given in order

Harold B Shearer	39	57 2	2 26
James L Swartz	31	56 8	2 25
Freeburn & Norman Love	43	54 6	2 19
Richard B Crawford	49	57 2	2 17
Rick & Ralph Saner	47	56 2	2 17
Roy & Glen Henry	65	55 9	2 15
Mervin R Zendt	49	57 2	2 12
John M Auker	43	52.3	2 09
Larry & David Noss	64	51 1	2 08
James H Speer, Jr	56	51 8	2 05

Two hundred nineety five cows completed lactation records of 305 days or less Two of these cows produced over 900 lbs of butterfat, 8 produced over 800 lbs , 29 produced over 700 lbs , 56 produced over 600 lbs , and 73 produced over 500 lbs

The fifteen high cows are listed below The owner's name, cow's name, pounds milk and pounds butterfat are given in order

Larry & David Noss		
48A	24,734	939
63	21,024	902
27	18,931	803
Freeburn & Norman Love		
98	24,226	853
103	18,241	806
S F Metz		
Tony	22,681	828
Bonita	18,637	801
Roy & Glen Henry		
Monica	16,223	811
Charles C Saner		
51	21,174	810
Richard B Crawford		
159	16,720	795
James H Sperr, Jr		
Marty	17,859	780
Glen B Simonton		
34JEDD	18,979	777
Leonard C Queitzsch		
Sue	17,829	775
George Love & Son		
Helen	18,791	774
John M Auker		
30	18,255	772

Potter County DHIA

OWNER	AGE	NO COWS	LBS MILK	LBS. FAT	% FAT
C Wayne Warringer	4-3	18 9	59 3	4 3	1.55
Maynard Sherman	4-4	48 0	64 2	3 6	2.30
John C Traub	4-21	40 1	65 4	3 5	2 29
Fred Knowlton	4-17	36 4	65 5	3 5	2 27
Jack Knowlton	4-2	54 0	63 3	3 6	2 25
Ivan Smoker & Sons	4-9	98 4	59 0	3 8	2 25
S Michael Greene	4-18	22 3	59 9	3 7	2 20
Floyd Long	4-20	38 0	53 1	4 1	2 19
William Butler	4-25	69 0	58 6	3 7	2 19
Jack Thomas	4-24	48 2	56 3	3 8	2 14
Robert Francis	4-11	38 5	49 4	4 2	2 08
Raymond F Buck	4-16	28 9	53 6	3 8	2 04
W H Currier	4-23	52 8	52 0	3 9	2 03
Robert F Greene Jr	4-18	31 2	53 8	3 8	2 03
Jay N Heisey	4-7	73 1	56 0	3 6	2 02
Robert Fowler & Sons	4-18	80 8	55 1	3 6	2 00
Leonard Palmatier	4 25	25 5	50 5	3 7	1 89
Kenneth Lambert	4 6	50 3	45 4	4 2	1 89
George Barker	4-16	65 0	50 0	3 8	1 88
Dean Lampman	4-12	46 0	50 3	3 7	1 88
Leonard Kenyon	4-1	45 7	35 9	5 2	1 87
Kevin Risser	4-22	49 3	50 0	3 7	1 86
Alvin Miller & Son	4-14	99 8	46 7	3 9	1 83
Carl Erway Farm	3 30	86 0	52 6	3 5	1 83
Dan Tice	4 24	37 0	47 5	3 8	1 82
Clair Hamilton	4 15	99 5	48	3 7	1 80
Paul Buck	4-11	23 7	44	4 0	1 77
John & Cindy Snyder	4-10	35 2	45 2	3 9	1 75

Lactation Records for Potter County for April, 1981 for cows over 750# butterfat

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS FAT
Alvin Miller & Son, Ulysses						
No 233	H	5-8	305	28,246	2.8	800
Ivan Smoker & Sons, Genesee						
Donna	H	8-3	305	24,508	3.4	842
Kringle	H	5-5	305	25,927	3.5	900
Deer	H	4-10	305	23,527	4 0	936
Beep	H	3-4	305	25,634	3 7	945
Topsy	H	3-2	284	21,144	4 0	837
Stanley & Sarah Brubaker, Wakefield						
No 88	H	9-5	305	18,073	4 6	831
James Cady, Westfield						
No 25	H	7-11	305	20,516	3 7	751
Robert Fowler & Sons, Galeton						
Queenie	H	5 6	305	22,268	3 5	775
Clair Hamilton, Ulysses						
Bari	H	9-0	305	18,114	4 4	795
Top	H	5-6	305	19,716	3 8	758

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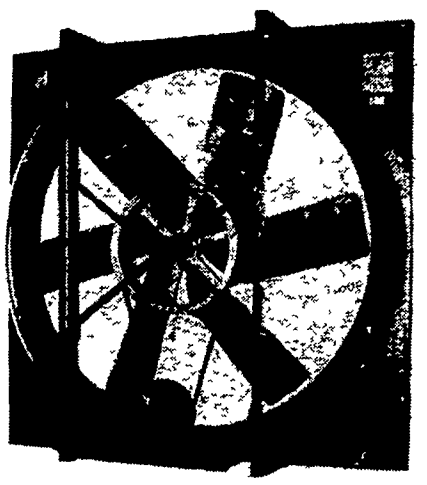

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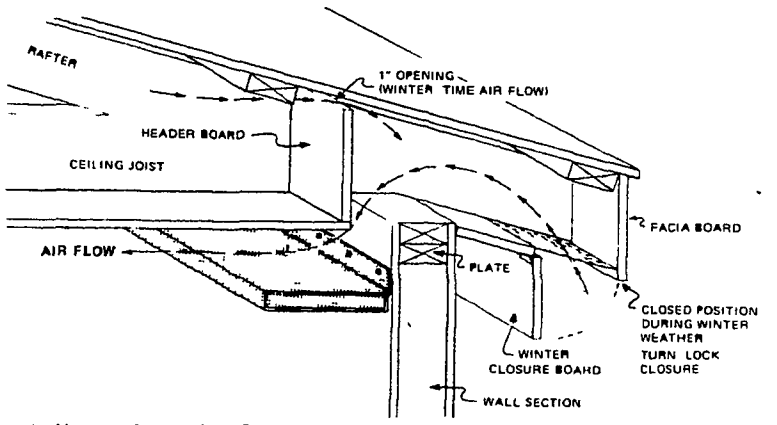

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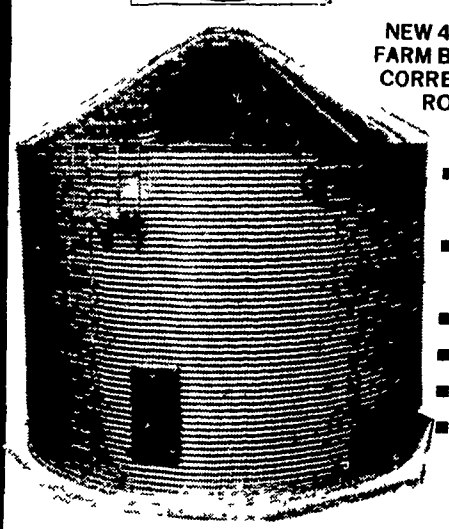

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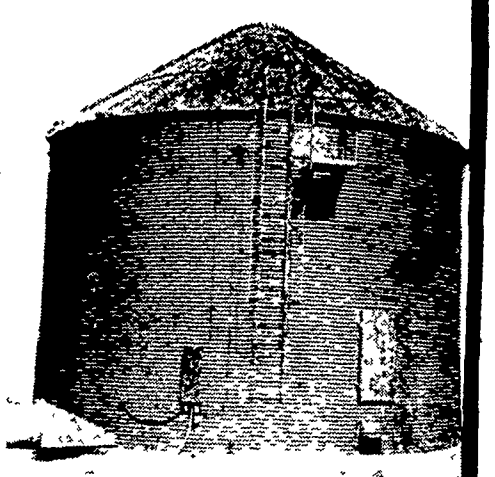

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Pesticide patent discussed

WASHINGTON, D.C. — Future world food demands could be seriously threatened unless reforms are made in the patent protection system for pesticides, a top official for the agricultural chemicals industry warned today.

"The federal regulatory review process for new pesticides has caused an unforeseen erosion of the patent system," said Nicholas L. Reding, Chairman of the Board of Directors of the National Agricultural Chemicals Association and Group Vice President and Managing Director, Monsanto Agricultural Products Company, St. Louis, Mo.

Mr. Reding, testifying on behalf of NACA before the Senate Judiciary Committee on the Patent Term Restoration Act (S. 255), told the panel that from five to seven years of patent life are lost under the current federal pesticide registration process.

This unchecked erosion of plant protection, he added, serves as a disincentive to continued industry innovation that will be needed to meet rising worldwide food demands.

"Most of the increases in food required to meet the projected increases in demand over the remainder of this century must come from raising the productivity of land already in cultivation," Mr. Reding said. "Achieving significant increases in land productivity requires capital inputs and use of technology on a massive scale."

Mr. Reding said, however, that without adequate patent protection, the industry cannot continue to undertake the massive research involved in discovering and developing new pesticide products.

"When protection is devalued," he said, "much of the incentive to invest long-term, high-risk capital in innovative pesticide research goes with it."

Mr. Reding noted that pesticide patent holders have only the remaining time of the 17-year patent life following the 5 to 7-year registration process to recoup their invested capital, develop market strategies, prepare environmental compliance procedures, regain all other costs and realize a profit.

Passage of the Patent Term Restoration Act, Mr. Reding told the Committee, would help to restore a portion of the patent rights lost to the registration process and would be an important first step in maintaining the incentive needed for pesticide research and development.

CARL MARTIN YOST
FOR SUPERIOR COURT

See Page A-18

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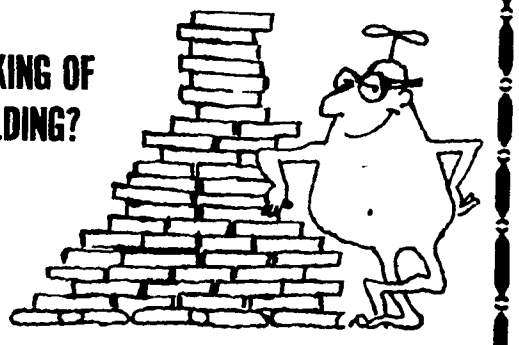

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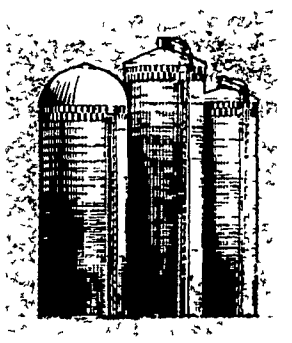

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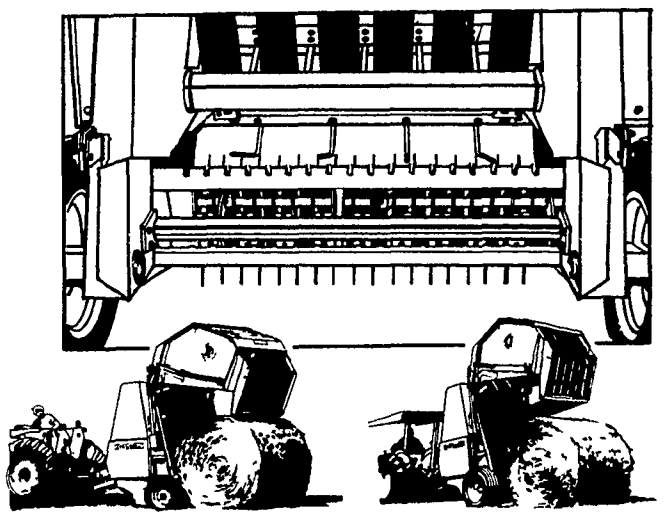

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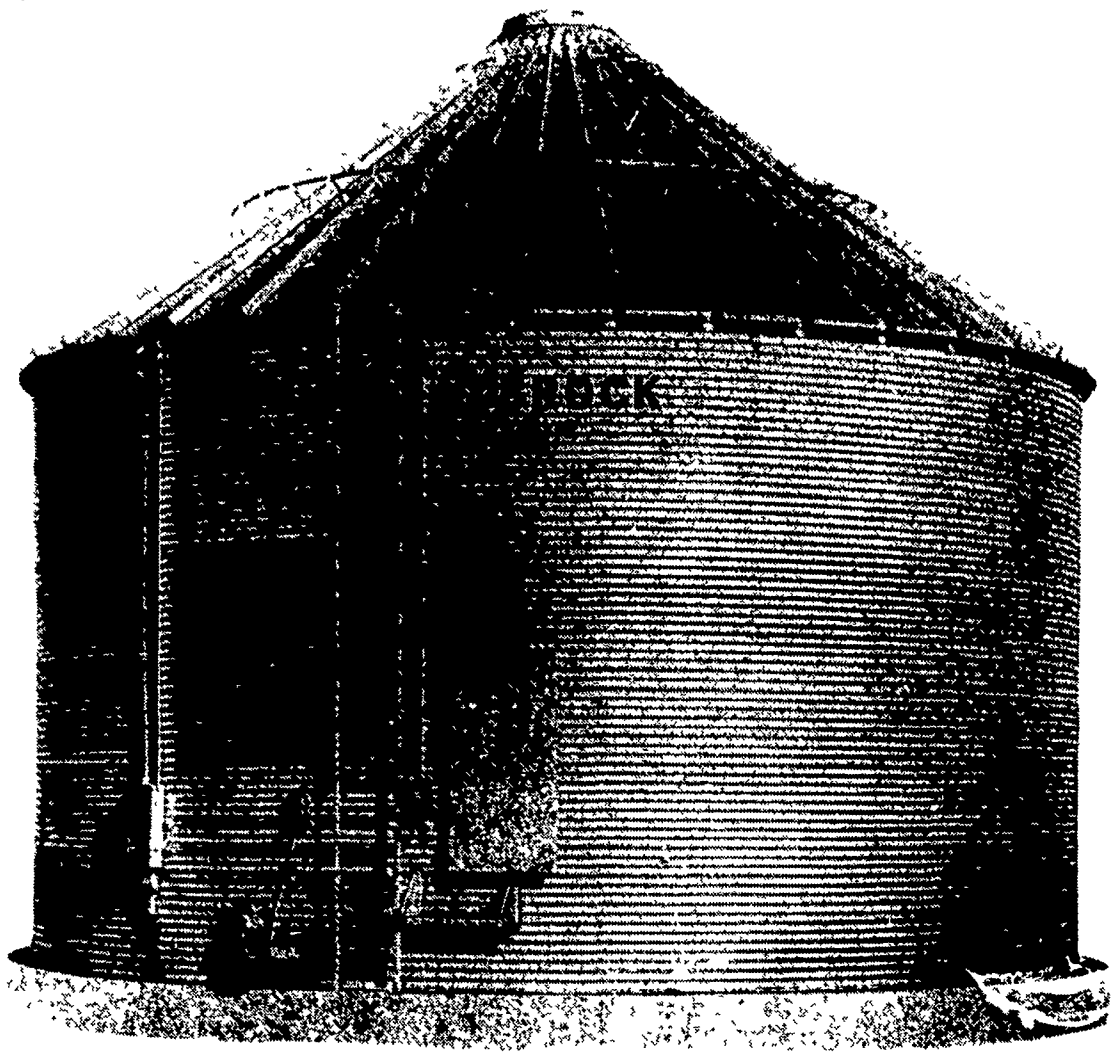

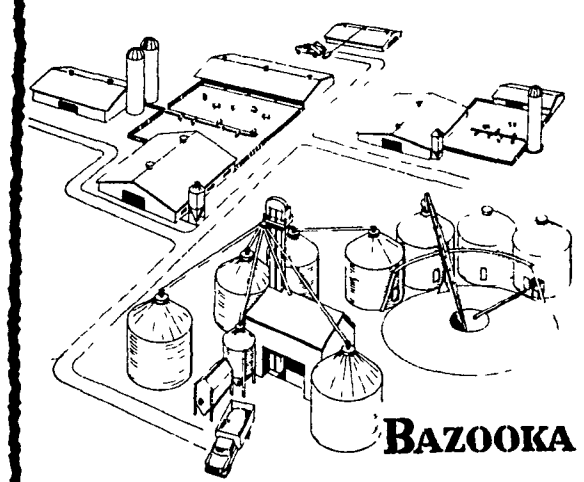

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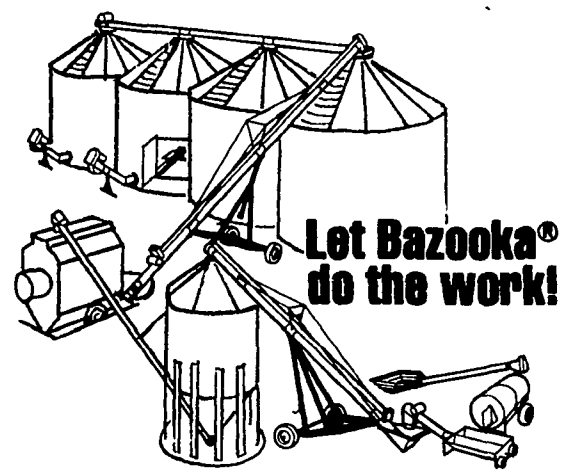

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Farm Talk

Jerry Webb

Beefing about monopoly

Consumers are unhappy about beef prices, farmers are unhappy about beef prices, and things are likely to get a lot worse.

Despite the fact that cattle producers have been losing money every month for the last couple of years, consumers still think beef prices are too high. Their loyalty to the great American favorite is being severely tested by pork, and especially by chicken and turkey.

Meanwhile, those low prices in the feedlots are causing cattle producers to cut back on production. And that means fewer animals going to market in the future and even higher beef prices.

But if consumers and beef producers are unhappy now, wait until they see what lies ahead. There are strong indications that a meat monopoly, particularly as it affects beef, is in the making and it could be so powerful as to call the tune for both cattle producers and consumers.

Government agencies and Congressional committees have been taking a hard look at the meat business, especially the beef packers, to see if there is any unfair competition. While they haven't developed a case that will stand up in court, there are strong indications that something mighty close to a monopoly already exists in the beef business.

Consider this: The big four meat packers slaughter about two-thirds of all the steers and heifers going to market in the 23 top beef states. Their share of those markets has increased from a little more than half only a dozen years ago. And the top two, Iowa Beef Processors and MBPXL (a Cargill subsidiary), slaughter a third of all U.S. produced beef and that's up from only 15 percent five years ago.

One observer is predicting that these two firms will be handling 60 percent of the boxed beef market by the end of 1981.

It's obvious that a third of the market doesn't consitute a monopoly on a national scale. But on a regional basis, the situation is much worse.

In some livestock markets, one of these "big four" has the only game in town. In fact, the two biggies—Iowa Beef Processors and MBPXL are expanding by leaps and bounds while third place Swift and fourth place Morrell are having problems. In the Pacific northwest, those top two companies handle 65 percent of the beef going to market. Five years ago, they weren't even in business in that area.

Here's more proof of the concentration going on in the beef industry:

- Fifteen of the top 25 feedlots in the country are associated with meat packing firms. They constitute one-fifth of U.S. feedlot capacity.
- Government figures show 124,000 feedlots, with only 420 of them marketing over half of the U.S.'s total fed cattle supply.
- MBPXL is owned by Cargill, Inc. and Cargill is the world's largest grain company. (Also the U.S.'s largest cattle feeder and the sixth largest commercial feed manufacturer. In addition, Cargill

(Turn to Page D3)

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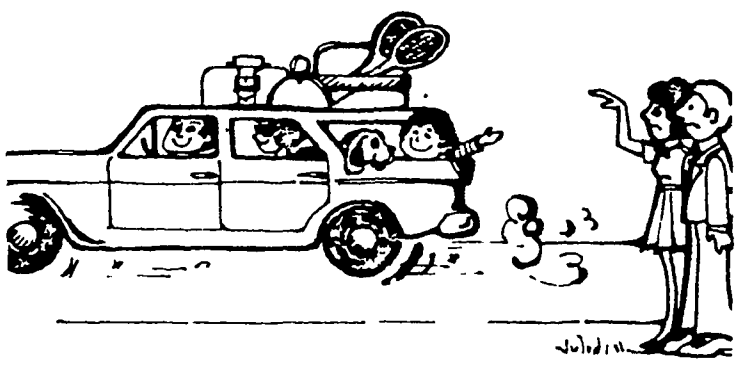

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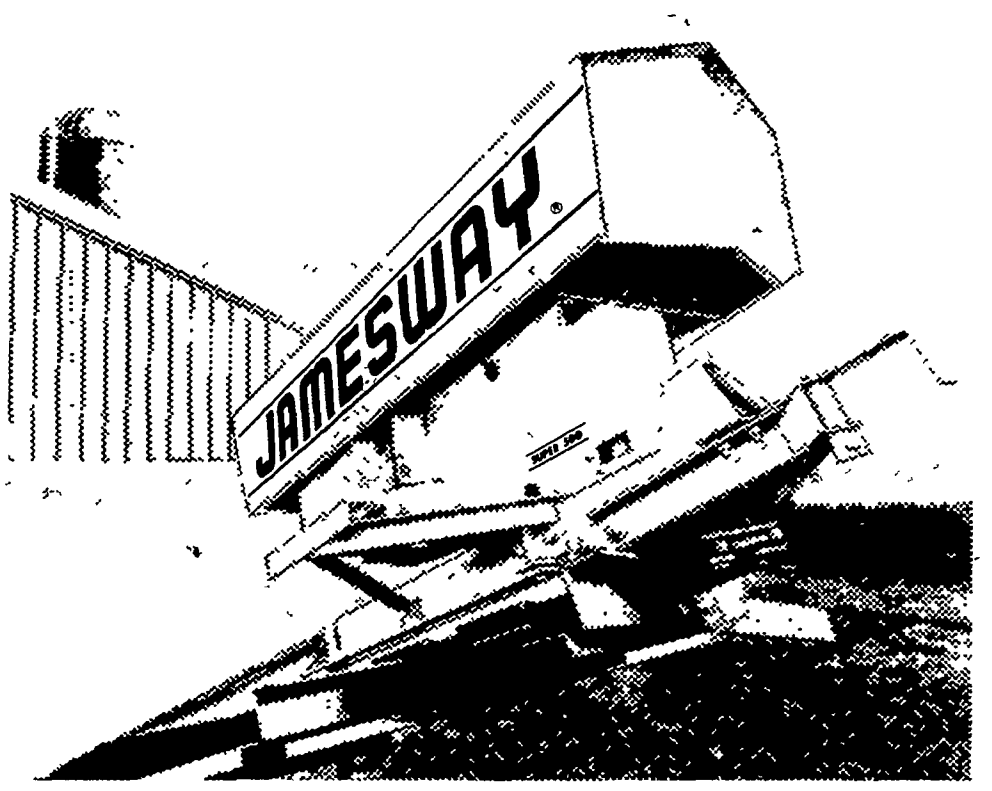

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Farm Talk

(Continued from Page D2)

is a major dealer in grain futures through another subsidiary.)

Some observers think the competition in the beef business is good — that the big four are struggling with each other and that farmers benefit because of premium prices offered to lure new customers.

But in the long run, only a few big companies will survive while hundreds of small packers go out of business. And when that happens, those few survivors will be in a position to decide what they pay for beef on the hoof and what consumers will pay for the finished product.

Farmers in the Corn Belt are already feeling the impact of the big processors. For example, Iowa Beef Processors buys up to 25 percent of the fed cattle in the Corn Belt. And in large multi-county areas surrounding its major plants, it may buy as much as 80 percent of the fed cattle.

That means cattle producer have few alternatives. It's a long way between markets and with the growing cost of transportation cattle feeders are almost captives of the big processors.

Government sources say it's already difficult to find any competition for the very large boxed beef plants. They offer virtually the only market for cattle producers 100 mile radius of those plants.

A few years back when there were many small packers, a cattle-producer had a choice of where to ship. The producer could check around for the best price within easy travel distance and maybe have three or four bids. But now it's either sell to one of the biggies or travel great distance at high cost. And that eats into profit.

The Packers and Stockyards Administration, an agency of the Department of Agriculture, has tested the monopolistic trend in the beef business but hasn't gotten too far. An injunction request filed against Iowa Beef Processors in 1977 was turned down by a federal judge. A government source says that was, because of a poorly prepared case and an unwillingness of local cattle producers to testify.

If the meat business continues to evolve, you can bet there will be no more than two or three big firms that will control it all by the end of this decade. If that meant two or three companies competing against each other in any given market it might be all right, but that isn't the way it works.

Chances are pretty good that those big companies would carve up the territory and that would mean one bid, one price to the farmer for beef and pork, and it could also mean that consumers would have fewer brand choices and the potential for prices even higher than they would need to be.

It seems to me it's time for the Packers and Stockyards Administration to take another hard look at the meat business. No doubt there are unbearable pressures being applied to let things follow their present course. But that course sounds like a meat monopoly and I don't think consumers or farmers would benefit from that.

'Big' changes ahead for apple growers

COLLEGE PARK, Md. — Commercial apple growers should pay heed to the hard lessons being learned by the U.S. automobile industry concerning efficiency and compactness, says Arthur H. Thompson, professor of horticulture at the University of Maryland and a research coordinator for the Maryland Agricultural Experiment Station.

Thompson is a nationally known teacher and research worker in tree fruit management. He recently delivered the first Batjer Memorial Lecture at the annual meeting of the Washington State Horticultural Association in Yakima, Wash.

The Maryland horticulturist noted both the orchards and fruit trees of tomorrow will be more compact than those of today. The trees themselves will be free-standing, i.e. they will not be supported by trellises or posts — a trend which seemed promising in the 1970's.

Apple trees in commercial orchards of the future will vary in shape and configuration, depending on market and growing conditions, Thompson predicts.

"Phyto-engineering" will enable agricultural scientists to develop fruit trees with the proper shape for easy machine harvesting. Thus, little or no hand pruning will be required. This feat is possible because of two recent developments in plant research, Thompson explains.

One development involves creating genetic mutations by bombarding detached shoot growth with gamma radiation. Buds so treated are then grafted to rootstocks, and grown to suitable size for evaluation of horticultural characteristics such as compactness of growth habit and fruiting ability.

Coupled with the "induced mutants" process is the recent development of mass propagation of plants by tissue culture. This process offers potential for asexual production of millions of plants from a single parent.

The advantage of tissue culture is that it could enable nursery growers to propagate, for example, a compact mutant of the Delicious apple on its own roots, Thompson explains. Thus, the high-labor tasks of grafting and budding would be eliminated.

Along with the increased use of mechanical harvesting, commercial apple orchardists in the United States might thus be in a better position to meet the ever-increasing need for production efficiency in a highly competitive world market.

A good-sized share of this economic squeeze is being forced on U.S. commercial apple growers by political and social decisions at the federal and state government levels which make it continually more difficult to obtain an adequate supply of harvest laborers at reasonable cost, the Maryland research worker declared.

Broiler placements up

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending May 2 were 2,473,000, according to the Pennsylvania Crop Reporting Service.

The placements were seven percent above the corresponding week a year earlier and one percent above the previous week. Average placements during the past nine weeks were two percent above a year ago.

Placements in the 21 key poultry producing states were 85,791,000, slightly above the previous week and four percent above the same week a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending April 22 totaled 1,460,000 with an average liveweight of 3.88 pounds.

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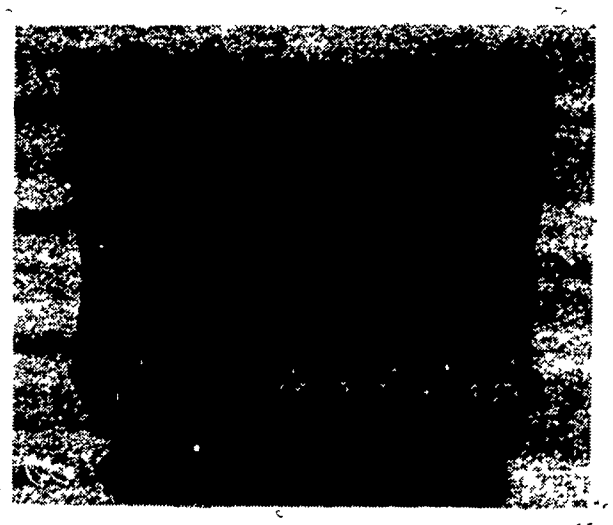

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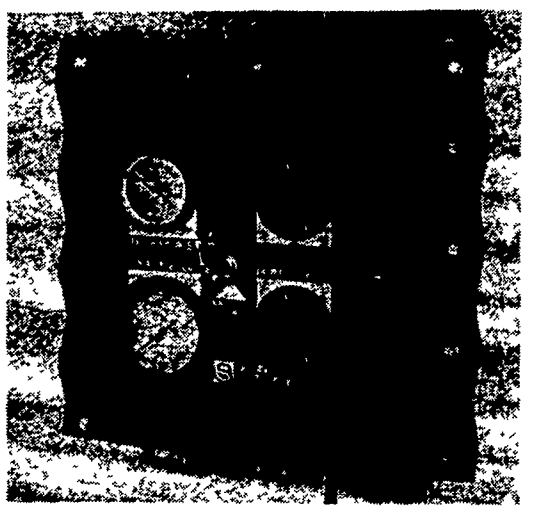

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Sunflower oil runs diesel tractors

MINNEAPOLIS, Mn. — A third of a typical farmer's acreage used to be hay and oats to feed old Tag and Bess, the team that provided the power for fieldwork.

But now, say some researchers, you can logically begin to think about devoting as little as 10 percent of your cropland to growing sunflower; then squeeze the oil out of the seed produced and run your diesel tractor on it.

The dynamic new energy source is sunflower oil — also called sunoil or sunfuel. Research in North Dakota and other states is running full speed ahead on how-to-do-it details.

Known as far is that sunoil will work in a diesel tractor — you can actually substitute it 100 percent for diesel fuel and do your field-work. What isn't known, and toward which research at North Dakota State University and on North Dakota farms is being directed, is how long an engine will last running on sunoil.

Most researchers suspect pure sunoil won't work for very long, that what's best is to blend sunoil and diesel, plus perhaps make engine design modifications to accommodate sunoil.

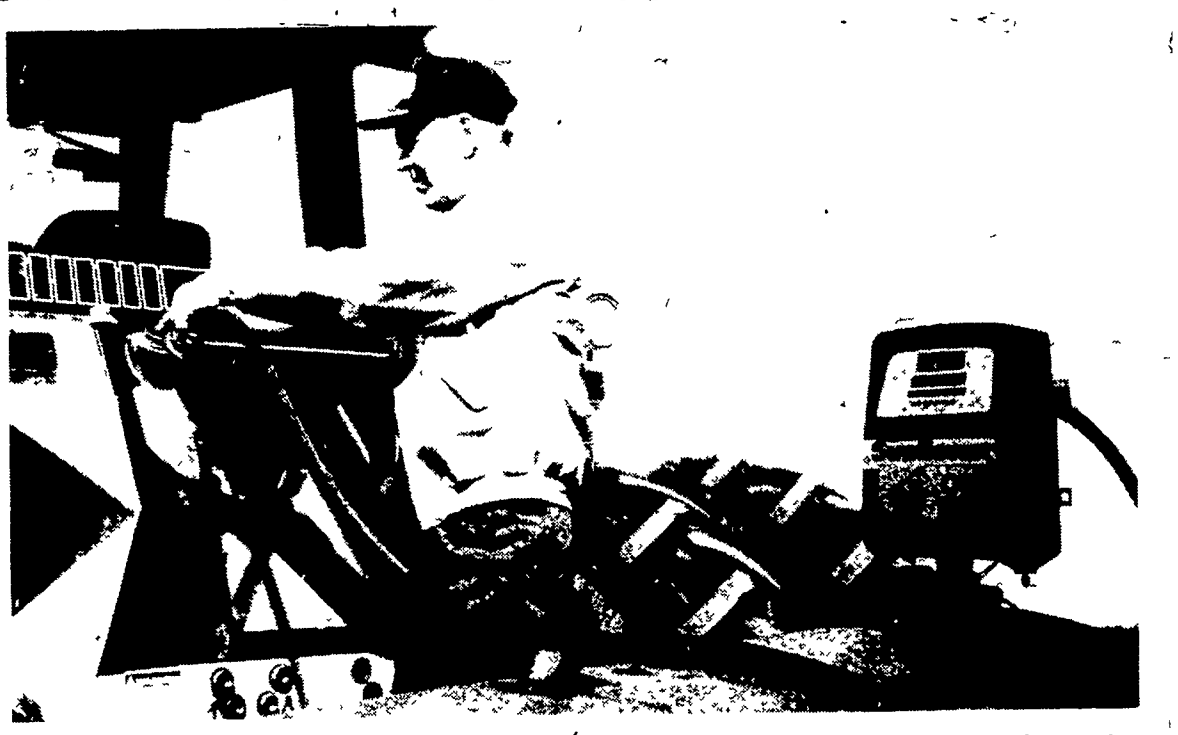
"This new source of fuel — sunflower — will grow successfully just about anywhere, though they're now grown primarily in the Dakotas, Minnesota, and Texas," says Dick Schulte, Northrup King Co. sunflower product manager. "We're seeing an increasing interest in sunflower as a doublecrop alternative. Just think of growing one food crop . . . following it with a sunfuel crop ... then using sunfuel to plant another food crop."

As a part of its recently launched "Keep Farming Profitable" program, Northrup King is promoting further exploration into the use of sunoil as an alternative fuel. As the petroleum-based diesel fuel gets more scarce and therefore higher priced, sunoil will look that much more attractive, according to Schulte.

Comparing sunflower oil with ethanol, it looks like the work involved in getting energy out of sunflower seed pays off more favorably. Just one unit of energy input produces up to five units of energy. And currently, sunflower produces more gallons of fuel oil per acre than other popular oilseeds. (Peanuts are an exception; however, production costs are nearly five times as great as raising sunflower.)

An acre of sunflower at average seed yield can produce over 50 gallons of sunoil: 1,350 pounds of seed; extract three-fourths of the 40 percent oil content, or 405 pounds of oil. Sunoil weighs 7.7 pounds/gallon, so you've produced 53 gallons of sunfuel. And researchers say that sunoil contains 94 percent as much energy as diesel fuel.

To boot, there'd be sunflower oil meal residue enough to provide the high protein supplement for a dairy or beef cow herd. Because of the high oil content, however, the meal must be fed quickly before it turns rancid. Researchers recommend feeding under three pounds per animal per day.



Ken Tweten, Grand Forks, ND, farmer and president of Flower Power, Inc., a non-profit corporation testing sunfuel in actual on-farm situations, fills his test tractor from a tank with the words "Sunflower Oil" posted on the meter. Actually, the fuel's a 50-50 blend of sunoil and diesel fuel.

An early attempt at burning sunflower oil in a farm tractor was made in the spring of 1980 by a North Dakota farmer. Farming 1,800 acres, the sunflower, corn and wheat grower bought a 55-gallon drum of sunoil and burned 35 or so gallons in an old John Deere he's used for years as a chore tractor

"It ran well," he says "Some mornings the temperature was down to zero outside, but the engine started and ran fine I'd say I was running on 90 percent sunoil, because there was a little diesel in the fuel tank when I put the oil in."

He used the tractor for about three weeks on the sunoil, grinding feed and generally doing an lot of stopping and starting. He also burned about 18 gallons of the sunoil in his diesel-powered automobile, however with less success.

"About half the time it didn't want to start. After it did start, and got warmed up, it ran OK. I was probably burning about 50-50 sunoil and diesel fuel."

He's had no complications with either engine. He does point out these were only short-term tests. Problems may show up in long-term tests.

After conducting a year of research running sunoil in test engines and through diesel engine fuel pumps, Ken Kaufman, research ag engineer at North Dakota State University, Fargo, said he feels strongly that a sunflower oil/diesel fuel combination shows the most promise on a sustained basis in present-day diesel engines.

Says Kaufman, "You get a carbon buildup on injectors in the cylinder that can eventually bring about a change in the automization of the fuel. Eventually the sunflower oil can get down into the crankcase oil and solidify it so that it doesn't lubricate well."

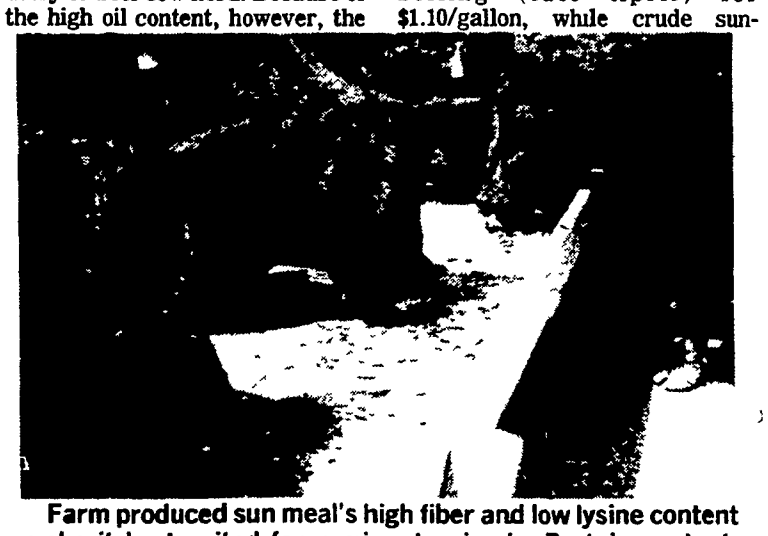
Kaufman points out that research work in the country of South Africa has contributed greatly to what is known about burning vegetable oils such as sunflower oil in diesel engines.

Research also is being conducted at Ohio State University, the University of Idaho, the University of Missouri, the University of Illinois, and the University of California-Davis.

Kaufman indicates the tests using a 50-50 sunoil and diesel blend look promising.

"There is no doubt you can burn sunflower oil in a diesel engine," he says. "We just don't know for how long, and what mixture ratios are best. We'll have a lot more answers after another year to year and one-half of work."

The engineer points out that sunoil is not yet as economical to burn as diesel fuel. On a gallon-for-gallon basis, No. 2 diesel fuel is selling (late April) for $1.10/gallon, while crude sunflower oil's price is $2.08. Two hundred proof ethanol, he adds, is selling for $1.80/gallon.



Farm produced sun meal's high fiber and low lysine content make it best suited for ruminant animals. Protein content, with hulls, runs about 28 percent. Due to sun meal's high oil content, researchers suggest limiting animals to less than three pounds per day.

Looked at on an energy output per gallon basis, diesel fuel at $1.10/gallon is far the cheapest fuel. Kaufman calculates that 100,000 BTU's of energy as diesel fuel costs $0.80; as sunflower oil $1.59; and as ethanol $2.14.

Sunoil produced by a small on-farm oil expeller worth $4,000 to $8,000, according to figures prepared by the Department of Ag Economics at NDSU, would cost $2.20 to $4.01/gallon, depending on how the farmer figured costs.

In an attempt to answer the question on what ratio of sunoil and diesel fuel is best, an extensive on-farm test is under way in North Dakota under the cooperative effort of a non-profit organization called Flower Power, Inc., and NDSU.

According to Ken Tweten, Grand Forks farmer and president of Flower Power, Inc., the organization is testing 12 tractors in actual on-farm situations this crop season. By late April, 10 of the 12 tractors were actually in use on 10 different North Dakota farms, burning either 25 percent or 50 percent sunoil along with diesel fuel.

Tweten himself, farming 1,850 acres, of which 200 will be sunflower this year, is operating a model 2390 Case 160-horsepower row crop tractor, new at the start of the season. He's burning 50-50 sunoil and diesel, and comments, "I can tell no differences yet — no misfiring, no hestitation, good power. We haven't cleaned the fuel filter yet (25 hours)."

It is expected that each of the 12 tractors on test, varying in size, will be operated about 600 hours each. Then, engines will be torn down and carefully studied. Engineer John Walter at NDSU is heading up the university's effort to support the 12-tractor experiment, considered complementary to on-campus lab research

Tweten is optimistic about the future of sunoil as tractor fuel· "I believe it will be useful as an emergency fuel, if the Arabs cut us off completely. Also, sunoil as fuel might increase the price of sunflower seed in a depressed market situation."

Tweten doesn't forsee himself making sunflower oil on his own farm with a small expeller "Eventually," he says, "a medium-sized commercial production plant might be the most economical way to produce sunoil."

Ag economist LeRoy Schaffner at NSDU currently is evaluating the economic feasibility of a community-sized sunoil production plant. Processing 25 or more tons of seed a day, such a plant could be owned cooperatively, he says, and investment for machinery alone would be approximately $200,000 to $250,000.

Daily production from such a plant could be 2,600 gallons of sunoil. The average North Dakota farmer, according to Schaffner, uses 3,600 gallons of diesel fuel a year, so operated 240 days a year, the small community plant could serve 175 or more farms, depending on the ratio of sunfuel and diesel used.

Such a plant would still not yet produce sunfuel competitively to diesel fuel at present-day prices.

Sunflower breeding research by companies may eventually help bring down the cost of sunoil.

According to Northrup King Company's sunflower research director Steven Shein, the outlook is good for new hybrids that will increase sunoil production per acre via increased seed production and increased oil content percentage in the seed.

"While seeds from present-day hybrids contain 40 to 45 percent oil, some of our experimental hybrids have oil contest levels in the low 50's," he says. "And oil content is not the only characteristic we're working with. We also must have high yield potential, resistance to diseases, and tolerance to insects."

The seed researcher feels there is good potential for improving oil output per acre, and feels that the development of hybrid sunflower "is about where hybrid corn was in the early 1940's."

"The genetic potential of sunflower is largely untapped," he says.

Students present prize-winning papers

NEWARK, Dela. — Two University of Delaware graduate students took both "best paper" awards in stiff competition against other entries at a recent meeting of the Potomac Division of the American Phytopathological Society in College Park, Maryland.

Papers by Steve Leath and Mary Lou Casadevall-Keller were among 26 presented by plant pathology graduate students, most of them from the Mid-Atlantic area.

Leath and Casadevall-Keller are both candidates for master's degrees this spring.

It is very unusual for the same institution to get both awards, says Dr. Charles R. Curtis, head of Delaware's department of plant science and past president of the Society's Potomac Division.

Papers were judged for purpose, research rationale, procedures and approach, experimental design, quality and quantity of data, and conclusions, as well as organization and visual presentation.

Leath's paper described a new technique he developed with his advisor, Dr. Robert B. Carroll, for screening soybeans for resistance to Fusarium wilt disease.

Casadevall-Keller reported on her study of the genetics of virulence and toxin production in two bacteria harmful to plants. The advisor for her project was another Delaware plant pathologist, Dr. Myroln Sasser.

Leath, who spent two months this winter showing vegetable farmers in Panama how to identify and control potato diseases under an international agriculture Title XII exchange grant, plans to continue his studies at the University of Illinois at Champaign-Urbana next year, working towards a Ph.D. in plant pathology and international agriculture.

After she receives her master's degree, Casadevall-Keller plans to work for industry on bacterial genetic research-possibly in the areas of crop protection or human medicine.

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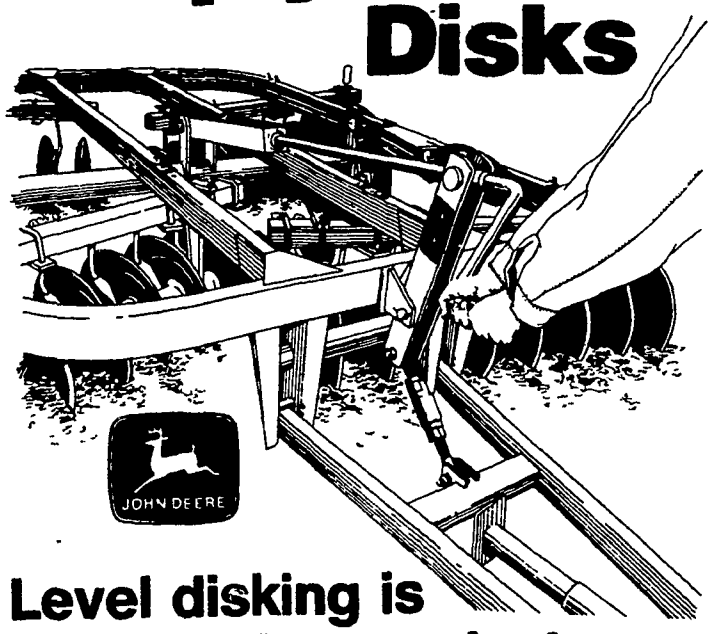

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Cool, wet weather retards winter grains in USSR, Europe

WASHINGTON, D.C. — Unusually cool, wet weather over the past week has put the maturation of winter grain crops in the Soviet Union and much of Eruope further behind schedule, according to a weekly report issued by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture.

Highlights of the report follow:

USSR — Temperatures in the winter grain belt rose enough to renew growth, but were still lower than average. This put crop development further behind normal and the situation appears very similar to that of last year. Abundant rains in many areas kept fields on the wet side and hindered fieldwork, with progress running behind schedule. In the south a storm caused heavy rains in the cotton-growing area. Heaviest amounts occurred in southern Uzbekistan and eastern Turkmenistan, and may have caused substantial washout of newly planted cotton.

Europe - Cold, wet weather dominated the region, worsening problems across the north. Conditions remained too cold for crop growth in the northeastern countries and development of crops was further slowed in all other countries. Generous rains helped dry crop areas in Spain and northern Italy, with further winter gain yield reductions now unlikely.

United States — Temperatures were near normal over the southeast and Gulf coastal regions but warmed to 4-12 degrees above normal over much of the mid-west and west coast. Cool temperatures and some frost reported early and again late in the week caused concern for some of the Great Lake fruit crops. Rainfall tapered off in the corn belt, while precipitation totals of less than 8 mm in the northern Great Plains will facilitate only spotty germination of spring sown crops. Beneficial totals of 8 to 18 mm were common in the central Great Plains, though most of the southeast remained dry.

China —Light to moderate rainfall improved growing conditions in Hebei, Lianoning, and Jilin in the northeast. Precipitation of 5-15 mm in northern crop areas of Hebei helped winter wheat, but some decline in potential yields may already have occurred. Rainfall increased again south of the Yangtze River. Greatest amounts stayed in the hills, but kept streams running full and caused some localized flooding.

Canada — Showers produced 10 to 25 mm of rainfall in Manitoba, eastern Saskatchewan and scattered locations in northern Alberta's wheat growing area. Southwestern Saskatchewan and southern Albert were mostly dry throughout the week. Topsoil moisture is rated poor in this portion of the Canadian wheat belt. Early wheat sowing has begun in southern Saskatchewan with up to 30 percent of the intended wheat acreage planted in southwestern areas.

Australia — Dry weather continued in the wheat belt of southern Australia. Rain will be needed very soon in the wheat belt to provide sufficient moisture for successful planting and early crop growth.

South Asia — Rainfall remained light in Bangladesh, allowing further drying of flooded fields. Scattered showers continued in eastern India and spread over the southeastern half of the country. Rainfall amounts were above normal at many locations, though coverage was spotty. Such pre-monsoon showers are normal, but they appear to be starting a little earlier than usual this year. The early rains will replenish soil moisture somewhat and bodes well for the approaching rainy season.

Southeast Asia — Widespread showers produced significant weekly rainfall (15-50 mm) over much of Thailand, with even heavier precipitation (50-125 mm) in the area to the north and east of Bangkok. Rainfall was lightest in the extreme west and south. The pre-monsoon rainfall has been highly beneficial to agriculture.

South American — Heavy showers (20-40 mm) should not cause any significant reduction in Brazil soybean yields, with at least three-quarters of the harvest already complete. In Argentina, relatively dry weather aided harvest activities. About 50 percent of the corn crop and over 40 percent of the sorghum crop have been harvested.

Mexico — Heavy rains drenched the upper northeast, benefiting rangeland, as well as some corn and grain sorghum around Matamoros. Heavy showers also fell at Valles and improved growing conditions for citrus and sugar cane. It was mostly dry with hot afternoons over the rest of the country.

N. Carolina hosts Simmental Summer Conference

BOZEMAN, Mt. — The Great Smokies Hilton Resort of Asheville, North Carolina, will serve as the site for the American Simmental Association's Seventh Annual Summer Conference July 16-18. It will be the first time that ASA has scheduled this event in the Southeastern section of the United States.

"ASA Summer Conferences are designed to provide active members an opportunity to take part in discussions on current issues involving both Simmental cattle and the Association, explained Executive Vice President Earl B. Peterson.

Committee meetings topics will include performance, breeders' guidelines, Simbrah cattle, future conventions and conferences, registrations and transfers, and several others.

Persons needing additional information should contact the American Simmental Association, One Simmental Way, Bozeman, MT 59715, telephone number (406) 587-4531.

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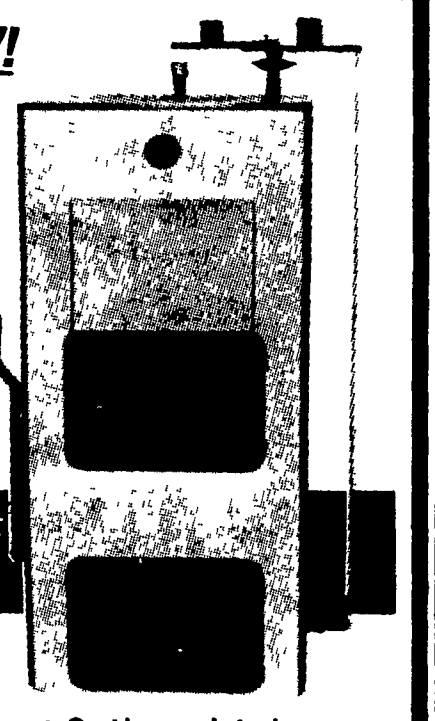

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Proposed beef grading changes go to USDA

DENVER, Colo. — The U.S. Department of Agriculture now has under consideration a National Cattlemen's Assn. petition for improvement in and modernization of USDA's beef grading standards.

The NCA request for grading changes, supported by extensive research and other data, was officially submitted recently to USDA's Food Safety and Quality Service. NCA said the proposal was developed in response to consumer demand for leaner beef.

The proposed modifications, NCA explained, are aimed at the production of leaner beef, with less trimmable fat, while maintaining desired eating quality — including tenderness, juiciness and flavor. Changes in the quality standards were recommended by NCA's grading committee after two years of study, and the proposal was approved by the association membership at the last annual meeting.

In a letter to FSQS, NCA President J.W. (Bill) Swan described the grading changes as relatively simple. However, he said, they would update the grading system, in line with new research information, changes in beef production practices and changes in consumer preferences.

Some fat is essential for the eating satisfaction which consumers expect from beef, Swan noted, but excessive fat is wasteful of energy. It is costly to produce and then trim away, and if obviously is not desired by consumers, he said.

The proposed grading revision, he added, would discourage overfeeding which now occurs at time in feeders' efforts to get a larger percentage of cattle into the Choice grade, and it would encourage the production of beef with a higher ratio of lean to fat. Also, the revised grading system would be more objective, resulting in more uniform eating quality within each of the Prime, Choice and Good grades.

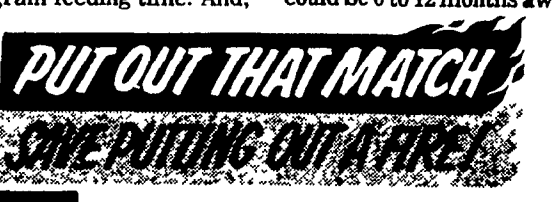
NCA's proposal cites 42 scientific references showing that, particularly with today's production and feeding programs, marbling as a quality criterion has been over-emphasized.

Under the NCA proposal, beef would continue to qualify for Choice if it had a "small" or "modest" amount of marbling (flecks of fat). In addition, beef with a "slight" amount of marbling would grade Choice, provided there was a minimum of 0.3 inch of fat cover over the 12th rib.

This amount of fat cover, NCA explained, is highly correlated with eating satisfaction. It reflects sufficient grain feeding time. And, through its insulating properties, it minimizes cold-induced toughening of muscle fibers at the time beef is chilled.

The NCA proposal also would redefine the Good grade to provide a larger amount of Good grade beef. This will appeal to some consumers, NCA said.

Swan said NCA will seek the fastest possible USDA action on the grading proposal. However, required regulatory procedures mean that any grading changes could be 6 to 12 months away.



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HEIFERS — BULLS

Perry County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

The Perry County DHIA Report for April, 1981, lists the herds averaging 1.5 lbs of butterfat or over per day

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT	% FAT
Benjamin E Dum	3	46.2	94.0	633	38	2.38
John E Book	B3	36.4	962	573	39	224
E & W McMillen	3	40.2	931	567	39	2.23
Kenneth R. Benner	3	603	85.2	564	39	221
Frank Rice	3	528	91.2	592	37	2.20
Richard G. Smith	3	490	929	55.6	39	2.19
Alfred Albright	B3	914	926	572	38	217
Richard L. Maurer	B3	500	984	542	40	217
Milligan Bros	3	675	913	545	39	213
Bratton View Farm	3	741	916	578	37	2.13
Ray L Kling	3	56.0	96.9	539	39	2.12
Ray E. McMillen	3	67.8	882	540	39	2.09
O & W Campbell	B3	605	877	547	38	209
R & B Gabel	3	430	884	584	36	208
Dale Smoker	B3	620	925	574	36	207
Milmay Farm	3	552	853	531	39	205
Charles C Byers	3	213	896	534	38	205
W Martin & Sons	B3	1411	913	511	40	203
Dean McMillen	B3	435	859	526	38	200
Donald Dum	3	350	921	497	40	198
Dumbelle Farms	3	448	871	542	3.7	198
Carl E McMillen	3	818	858	499	39	196
Nevin G Rice	B3	816	937	500	39	196
Dean Loy & Son	B3	484	889	534	37	1.96
Clarence Martin	B3	535	927	53.1	37	195
Max Reapsome	3	520	880	49.2	39	191
Richard Kriebel	3	456	911	505	38	191
Edwin L Sheibley	B3	611	850	516	36	187
Cedar Lane Farm	B3	818	929	472	39	184
Mt. Home Farm	B3	849	896	481	38	183
Norman S Horst	B3	483	887	466	39	183
Kenneth C Morrow	B3	399	875	473	3.8	181
Philip Brubaker	B3	520	843	460	39	1.81
John Sauder Jr	B3	820	91.8	468	38	178
Dobbs Brothers	3	280	85.7	486	37	1.78
D Brofee & Sons	B3	1146	90.5	506	35	1.77
David H Weller	B3	460	864	463	38	177
J & C Achenbach	3	435	93.2	45.8	39	177
Noah W Sauder	B3	919	893	458	38	176
M W. Smith Farms	B3	579	862	492	36	175
James F Bolze	B3	640	895	477	36	1.74
J O'Toole & Sons	B3	515	865	459	38	173
Wayne L. Stephens	B3	454	898	473	37	1.73
Lyons Brothers	B3	55.3	906	46.5	37	1.72
F & Nancy Neely	B3	350	925	444	39	1.72
Dennis K Dum	B3	256	1000	472	36	1.72
John L King	B3	424	894	498	34	171
Lester Fleisher	B3	330	94.6	441	3.8	167
Henry S Lapp	B3	384	806	492	3.4	167
John R Gabel	B3	971	927	41.9	4.0	166
Clark W Bower	B3	728	906	411	40	165
James M Palm	B3	509	898	44.4	37	164
Gary H Haas	B3	341	854	438	37	163
Eugene M Nolt	G3	459	78.3	44.2	37	163
Ronald C Fauth	B3	530	87.9	416	39	162
Arthur E Dum Jr	B3	450	901	421	38	162
Earl E. Krone	B3	67.0	934	39.3	40	156
San-Rae Farms	B3	52.1	87.9	411	3.7	153

Listed below are completed lactations with 650 lbs of butterfat or over.

OWNER NAME OR NO		AGE AT CALVING	DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Alfred Albright						
Duane	H	2-7	305	16,929	4.1	689
Carl E. McMillen						
Peb	H	6-10	305	19,351	37	715
Mike	H	6-2	305	17,484	43	750
Ray E McMillen						
Joan	H	7-5	291	20,049	39	779
Jude	H	6-8	305	19,362	37	720
Nevin G Rice						
Jemimai	H	10-7	305	23,009	37	847
#65	H	8-4	305	22,189	39	871
#110	H	6-10	305	18,483	41	752
#119	H	6-7	305	20,741	36	737
#256	H	2-5	305	16,792	40	669
Max Reapsome						
Lulu	H	6-6	305	22,318	32	707
William E. Martin & Sons						
#251	H	3-11	305	18,032	3.7	666
#296	H	3-4	305	15,567	4.3	672
#285	H	3-6	305	20,928	38	788
Donald Dum						
Jan	H	3-5	305	20,288	34	695
Benjamin E Dum						
Lulabel	H	7-4	305	19,529	35	677
Some	H	4-9	305	21,346	34	717
Dumbelle Farms						
Royal	H	6-6	305	22,280	36	806
Nadine	H	7-3	305	19,485	4.3	840
Frank Rice						
Big-T	H	30	305	18,977	40	756
Milligan Bros						
Nancy	H	6-10	300	23,051	37	842
Daisy	H	4-9	305	19,632	35	684
Hope	H	4-3	305	19,761	45	893
Dean Loy & Son						
Duke	H	4-7	305	18,951	44	830
Charm	H	3-8	305	21,721	39	845

(Turn to Page D9)

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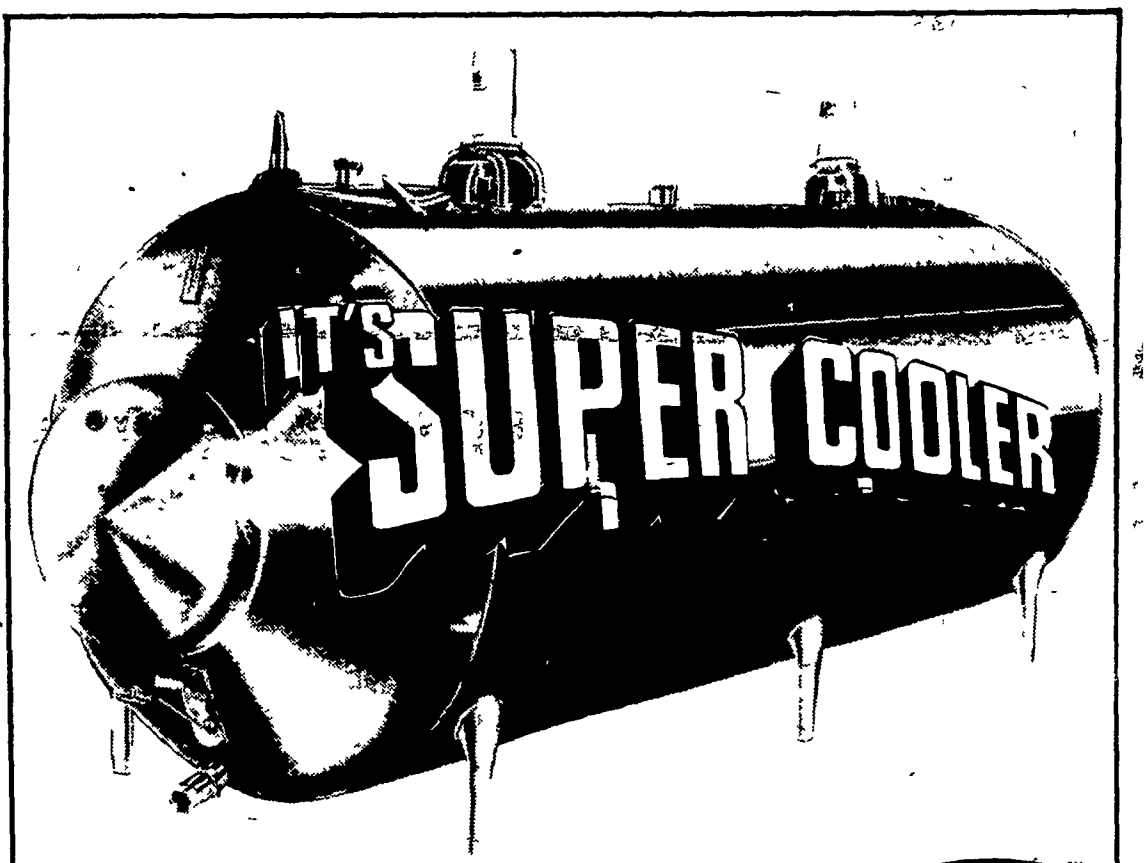
BETTER BEGINNING



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Franklin County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April 1981
"TOP FIFTY" HERDS FOR APRIL

NAME	BRD	NO. COWS	LBS. MILK	% FAT	LBS. FAT
R & S Hollenshead	H	32 0	72 5	3 5	2 54
Frank S Heberlig	H	44 1	59 0	4 0	2 34
R & S Hollenshead	H	32 0	62 9	3 6	2 25
Dale Wadel	H	47 8	53.5	4 1	2 22
R. & S Hollenshead #2	H	51 0	55.6	4 0	2 21
Donald L. Brechbill	H	33 0	58.7	3 7	2 18
Dennis W. Bricker	H	33 0	58 8	3 7	2 16
R & S Hollenshead #2	H	51 6	54.3	4.0	2 16
Wayne A Hall	H	36 7	55 8	3.8	2 14
Samuel P Yoder	H	39 9	56 4	3 8	2 14
George Skelly	H	70 6	57.1	3 7	2 12
Stephen L Martin	H	59 2	54 7	3 8	2 10
Carl L Brantner	H	41 4	49 2	4 2	2.09
H Lester Oyler Estate	H	69 4	52.9	3.9	2 08
Philip & Conrad Hege	H	61 5	53.7	3.8	2 06
Ray Wingert	H	58 5	53 5	3 8	2 05
Elmer & Frank Ressler	H	38 9	53.8	3 8	2 05
Joseph S. Middour	H	64 5	50 4	4 0	2 04
Virgil H. Crider	H	76 0	52 6	3 9.	2 04
Gaymere Farms	H	107 6	52.0	3 9	2 03
Robert E. Harwood	H	83 8	54 5	3 7	2 02
Walter B Ile	H	36 0	58 0	3 5	2 02
Harold L Wenger	H	38 9	51 6	3 9	2 01
Lester D Fortna	H	42 0	54.4	3 7	2 01
Carl O Stuff	H	45 5	59.5	3 4	2 01
Aldus Eby	H	57 2	63 7	3 2	2 01
Mark W Meyers	H	78 0	53.0	3 8	2 01
J C Young Jr & Son	H	57 8	50.8	3 9	2 00
Richard Harshman & Son	H	71 0	52 0	3.8	2 00
Lester & Alvin Meyers	H	53 0	53 2	3 8	2 00
Dale E Niswander	H	34 2	57 2	3 5	2 00
David A Heckman	H	34 8	53 0	3.8	1 99
Robert L Bailor	H	39 0	51 3	3.9	1 99
Burk Lea Farms	H	177 8	55 1	3 6	1 98
Norlo Farm	H	134 5	53 8	3 7	1 97
Cordell & McKenzie	H	127 2	52 1	3 8	1 97
Jerry Martin	H	20 6	48 6	4 0	1 95
Ray R Kane	H	26 8	46 4	4 2	1 93
William E Swailes	H	75 3	50.3	3.8	1 92
J Eldon Crider	H	48 2	52.3	3 6	1 90
Herbert M Dice	H	39 2	47 8	4 0	1 89
Mike Flannery	H	67 1	53 6	3 5	1 89
Wayne L Beidel	H	56 4	49 6	3 8	1 89
Aldus Eby	H	57 4	60 9	3 1	1 88
Ray Wingert	H	58 2	46 3	4 0	1 87
R C & J R Shoemaker	H	28 5	49 7	3 8	1 87
Benjamin & Faye Myers	H	36 4	49 0	3 8	1 87
Preston M Frey	H	68 6	46 2	4 0	1 86
Samuel E Wenger, Jr	H	49 3	47 0	4 0	1 86
J Thomas Stouffer	H	38 4	48 8	3 8	1 86

"TOP TWENTY" LACTATIONS COMPLETED DURING APRIL

OWNER NAME OR NO.	BREED	AGE AT CALVING	DAYS IN MILK	LBS. MILK	LBS. FAT
Raymond Helman					
Penny	H	9-9	305	26,925	1028
Robert E Harwood					
266	H	5-7	305	22,545	972
Ray R Kane					
Polly	H	5-2	305	21,870	954
Walter B Ile					
Rudy	H	5-10	305	21,610	906
R V & S V Hollenshead					
Jen	H	7-7	305	22,998	861
Ray R. Kane					
Idol	H	6-3	305	20,219	849
Wayne A Hall					
Marie	H	4-9	305	20,757	845
R V & S V Hollenshead					
Tilly	H	9-9	303	20,999	841
Vaughn L Moore					
Desiree	G	5-2	305	15,564	838
Burk Lea Farms					
145	H	5-8	305	21,425	834
Hamilton Height Farm					
18	R&Wh	3-7	305	17,957	831
Mark W Meyers					
220	H	3-5	305	18 625	830
Fred E & Dale Rice					
212	H	7-2	305	20,339	824
Sollenberger & McCoy					
Pebbles	H	5-2	305	18,918	821
Frank S Heberlig					
166	H	3-0	305	23,245	819
Glenn M Pugh					
34	H	4-0	305	22,885	810
Norlo Farm					
117 A	H	5-9	305	21,033	799
Gaymere Farms					
116	H	3 6	305	18,120	797
Fred E & Dale Rice					
305	H	3-0	305	20,528	787
Burk Lea Farms					
102	H	3-3	305	20,622	783

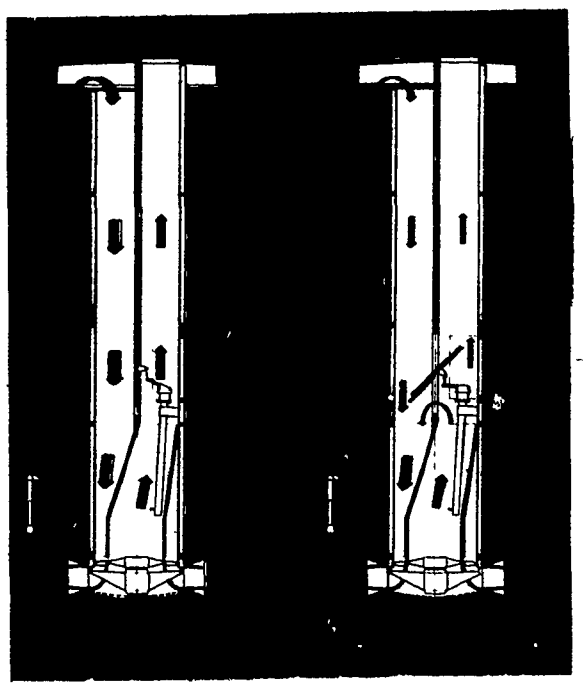
June is dairy month

Perry Co. DHIA

(Continued from Page D8)

Eye	H	4-4	305	18,160	3 8	690
Richard L Maurer						
Naomi	H	7-1	305	19,848	3 8	747
Carrie	H	6-11	305	19,472	3 9	759
John E. Book						
#71	H	1-11	305	15,796	4 2	667
Delmar Brofee & Sons						
Wanita	H	7-3	305	21,562	3 4	731
Pammi	H	7-8	305	21,683	3.5	768
Mill	H	4-3	305	20,641	3 3	677
#434	H	2-0	305	19,685	3 7	725
Kenneth R Benner						
Rachel	H	6-11	274	18,624	3.5	651
Eloise	H	5-1	300	19,682	3.4	671
Lori	H	2-1	305	21,607	3.7	802
Oscar & Wayne Campbell						
Jennie	H	4-9	305	20,273	3 6	737
Leroy Heimbaugh						
Annie	H	5-10	305	16,492	4.2	691
John O'Toole & Sons						
Gale	H	5-11	305	18,225	3 8	695
Agrophilos, Inc.						
#200	H	6-8	305	19,926	4.1	813
#257	H	4-3	305	19,070	3 9	748
David H. Weller						
Winnie	H	5-1	305	17,377	3 8	600
Earl Krone						
#56	H	3-0	305	18,534	3 7	687
#48	H	2-10	305	15,171	4 5	681
Becky	H	8-6	305	16,871	4 1	694
Ed. & Wilma McMillen						
Quak	H	6-4	300	19,433	4.2	823
Gent	H	5-2	305	20,205	3.4	688
Edwin L. Sheibley						
Smitty	H	4-7	305	17,793	4 1	737
Carol	H	3-7	305	18,869	3 6	679
Mickey	H	3-8	281	17,042	3 9	667
Eugene M. Nolt						
#33	H	5-7	305	16,747	4 4	736
#144	H	4-7	305	19,075	3 6	678
Robert & Bernice Gabel						
Bunny	H	6 4	305	21,209	4.0	845
Natty	H	6 0	305	21,459	3 7	787
Bonnie	H	6 0	305	18,587	4 1	754
M E Smith Farms						
Sara	H	3-4	305	20,582	3 7	756
Ronald C Fauth						
#28	H	10-1	296	17,942	3 6	654
Richard Kriebel						
Carol	H	8 7	305	16,701	4 4	727

FRISTAMAT VENTILATION



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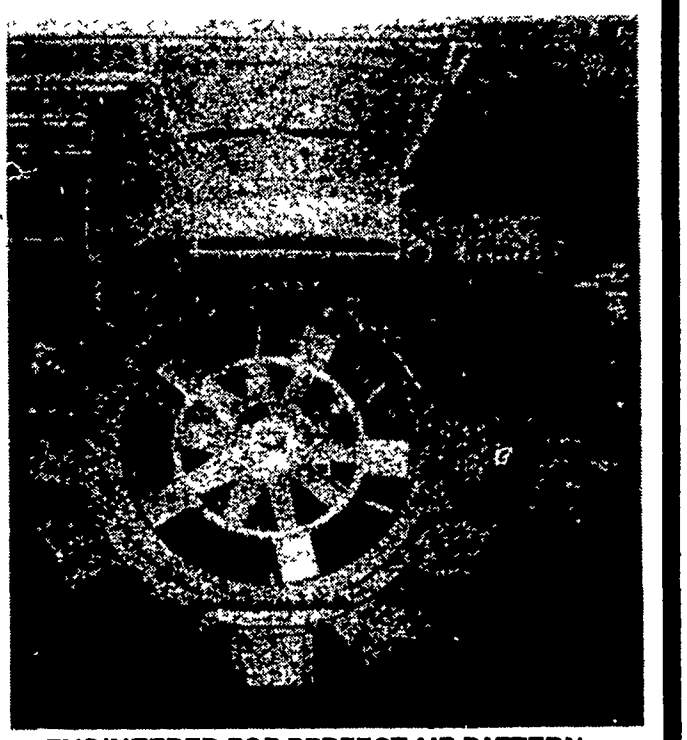

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Farmers battle 'bankruptcy grass'

Johnsongrass rhizomes can grow up to 300 feet in a month, robbing the crop of moisture and nutrients, according to the USDA.

LANCASTER — Around 1830, when Johnsongrass first found its way into the United States from the Mediterranean farmers viewed it as an invaluable aid to their farming operations.

Livestock producers cultivated it as a hardy forage crop for protein. In areas where the soil was sandy and overworked, farmers sowed it in hopes the fast-growing root system would hold onto their rapidly eroding land.

But, by 1900 farmers had changed their tune. After wide distribution as hay for cavalry horses during the Civil War, Johnsongrass ran rampant in field crops. This problem led to the first appropriation of federal funds for weed control, and, in 1902, issuance of the first report about clearing fields of Johnsongrass.

Today, although it is still sown as forage and cut and baled for hay in parts of Tennessee, Alabama and Mississippi, most farmers are on the lookout for a way to control this noxious perennial grass in row crops.

Ranked as one of the world's ten worst weeds by the Weed Science Society of America, Johnsongrass infests some 10 million acres nationwide in an area stretching from Texas to Missouri and from New York State to California. It is most heavily concentrated in the cotton and soybean producing states of the south, where it is known as "bankruptcy grass."

Although Johnsongrass is not as common in the northeastern states of Pennsylvania and New York, agronomists and farmers are fully aware of the weed's potential for destruction, and understand that even a minor infestation can create yield reductions and harvesting difficulties.

"Johnsongrass is a relatively minor problem in the state of Pennsylvania, but it's crucial to contain it," warns Nathan L. Hartwig, associate professor of weed science at Penn State. "If you don't do something about it, it doesn't take long for it to become a more severe problem."

Hartwig estimates that 2½ percent — 50,000 acres — of the state's total 1½ million corn acres were infested with Johnsongrass according to 1977 statistics. Where infestations were solid, crop yields had been reduced by 100 percent, he says. Currently, Johnsongrass flushes are predominately in the southeastern region of the state and the Susquehanna River Valley.

In New York, the Johnsongrass problem is characterized as "limited to modest" by W.B. Duke, agronomist at Cornell University. Heaviest concentrations are found in the central and southern portions of the state. Although yield losses recorded in New York have so far been negligible, the potential for crop reduction is 50 percent, according to Duke.

"More importantly, Johnsongrass has a bad effect on harvest ability," says Duke. "It can make it impossible to get harvesting equipment through a field."

While Duke reiterates there has been no great overall loss, he concedes that farmers must stop the spread of any infestation, because the seedlings are capable of spreading and propagating — eventually leading to a full-scale problem.

Johnsongrass poses such a difficult control problem because of its many methods of propagation. It boasts one of the hardiest, fastest-growing rhizome systems of any weed, with a single plant capable of producing 300 feet of new growth in a month.

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(Turn to Page D11)

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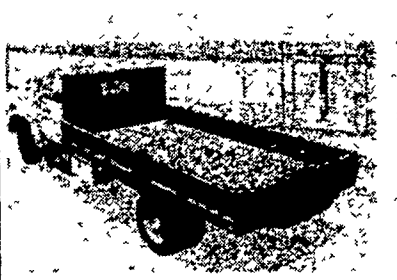

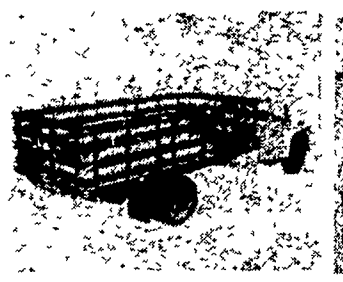

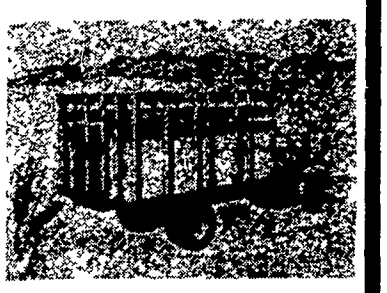

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Johnsongrass

(Continued from Page D10)

traordinary seedling capacity — each panicle can produce 350 seeds which can germinate and remain viable in the soil up to 25 years — and farmers are faced with one tough weed control challenge.

But, the problem is not insurmountable. Farmers have traditionally relied on tillage, cultural practices and pre-plant incorporated and postemergence herbicide treatments. Today, agronomists and weed specialists agree that while any one of these methods alone won't do the job, a combination of two or more can bring Johnsongrass under control.

"Farmers have more Johnsongrass control options available to them today than ever before," says Sheldon Blank, weed control specialist at Monsanto, "including crop rotation, grazing livestock, cultivation and chemicals. However, most weed scientists agree that utilizing just one technique will meet with only limited success in controlling Johnsongrass. Selecting several complementary techniques designed to get both rhizomes and seedlings is probably the best approach."

"Some farmers have found rotating out of soybeans and cotton and into a solid-seeded crop such as winter wheat is a good first step in a Johnsongrass control program," continues Blank. "The land is then left fallow after wheat harvest. This allows ample time for regrowth of the Johnsongrass to the boot to head stage before applying Roundup herbicide at the 2-3 quart per acre rate for control of emerged vegetation and underground rhizomes.

"The next step the following spring is to apply a pre-emergence herbicide for seedling control. The final step in the program is an in-season, selective application of Roundup herbicide to Johnsongrass escapes by means of a rope wick or some other wiper applicator."

Hartwig of Penn State recommends a similar program of rotation into small grain crops followed by spot treatment with Roundup — "probably the best herbicide we have at the moment to wipe out established Johnsongrass."

California can receive stallions from CEM countries

NEW YORK, N.Y. — U.S. Department of Agriculture officials have added California to the list of six states approved to receive stallions imported from countries infected with contagious equine metritis.

David Herrick, a staff veterinarian with USDA's Animal and Plant Health Inspection Service, said a state is authorized to receive stallions from countries affected with the disease only if it has laws or regulations that require post-entry inspection, testing and treatment of the stallions to prevent introduction of the disease.

These rules are in addition to USDA-required testing and inspection in the nation of origin and at the U.S. port of entry animal import center, Herrick said.

Other approved states are Colorado, Kentucky, Maryland, North Carolina, South Carolina and Virginia.

Contagious equine metritis has been spread by international shipment of infected breeding horses since it was discovered in 1976. The only cases diagnosed in the United States have been in Kentucky and Missouri. Nations considered infected are Australia, Belguim, Federal Republic of Germany, France, Ireland, Italy, Japan and the United Kingdom.

Contagious equine metritis is a highly transmissible venereal disease of horses that infects mares, causing them to fail to conceive. The stallion is a carrier, but can be treated by cleaning and disinfecting the genitals, using specific antibiotics.

Notice of this action was scheduled for publication in the April 30 Federal Register.

Public comments may be sent, by June 29, to the deputy administrator for veterinary services, APHIS, USDA, 6506 Belcrest Road, Hyattsville, Md. 20782.

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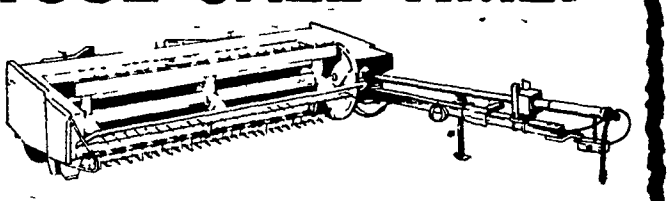

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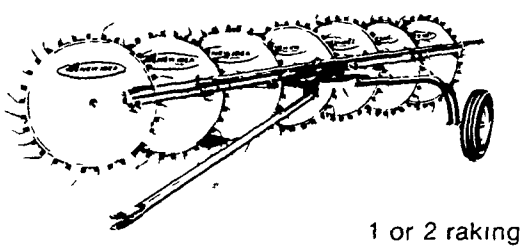

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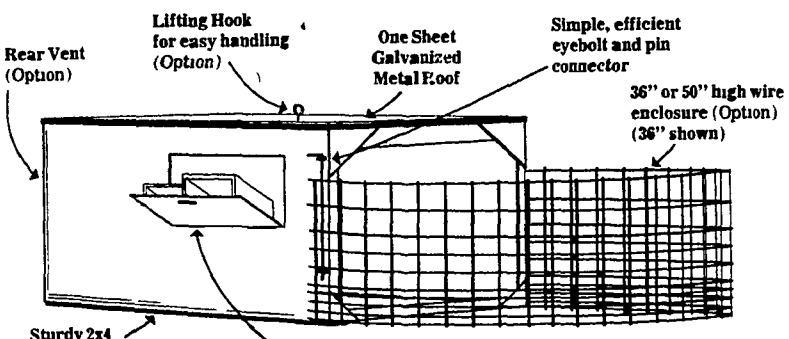
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State adopts reduced-dosage calfhood brucellosis vaccination

HARRISBURG — A modified dosage calfhood vaccination program, aimed at eliminating many past problems with the brucellosis program, went into effect last month, according to State Agriculture Secretary Penrose Hallowell.

"Farmers are encouraged to utilize Pennsylvania's voluntary brucellosis vaccination program," Hallowell said. "The new reduced-dosage vaccine will help minimize undesirable effects caused by the full dose, which tended to overwhelm calves' immune systems. Reduced dosage will also minimize persistent immune body titers when animals reach 18 months of age," the Secretary said.

The only changes in the way calves are vaccinated will be that dosage will be decreased and the vaccination age will be changed to four through eight months of age, according to Dr. Max VanBuskirk, Jr., VMD, director of the Department's Bureau of Animal Industry.

The reduced dosage program has been adopted by all Northeastern states.

"Accredited veterinarians have been instructed to dilute available vials of vaccine to achieve the proper dose until a new standard dose vial is available from commercial sources," VanBuskirk said.

Farmers are encouraged to contact their veterinarian for specific details and benefits of the new vaccination program.

Brucellosis is a bacterial infection in cattle which affects the reproductive system. It is a contagious disease [illegible], is referred to as undulant fever. Undulant fever is most commonly spread through unpasteurized milk.

"Vaccination of heifer calves with Strain 19 vaccine has been our main line of defense against the disease," VanBuskirk said. "It is estimated that 65-70 percent of the vaccinates will be immune to any average exposure to brucellosis."

Ten states presently require cattle entering their state to be official vaccinates. This requirement, along with the increased market value of vaccinated animals, adds significance to the program.

The Pennsylvania Department of Agriculture supports the brucellosis vaccination program by supplying vaccine free of charge to accredited state veterinarians and by paying veterinarians $1.00 for each calf vaccinated.

The Bureau of Animal Industry keeps records of all official vaccinates for use in approving health charts and maintains a computer record of each eartag identification of vaccines. Herd owners are suppled with an individaul vaccination certificate for each calf.

VanBurskirk suggested several additional precautionary measures to protect cattle from possible exposure from brucellosis:

—Don't buy animals that may have been exposed.

—Insist on a health certificate for purchased additions.

—Isolate and retest all replacement animals 45-120 days after purchase.

—Deal with persons you know and trust.

—Ask your veterinarian to test every animal that aborts and retest them in 30-60 days. One test in not enough.

—Consider raising your own replacement stock.

—Practice good sanitation everywhere, including proper disposal of dead calves, fetuses and placentas.

—Have all cows freshen in individual maternity pens.

Marketing needs 'elbow room'

DALLAS, Tx. — Livestock marketing is big business, but it needs more "elbow room" to do a better job for the entire industry, the president of Livestock Marketing Association said here recently.

Lemmy Wilson, speaking before the annual meeting of the Livestock Marketing Association of Texas, pointed to the 1980 Volume and Value of Livestock Transactions Study to show "the impressive size and scope of the marketing sector."

The survey, done annually by LMA, showed that last year the value of U.S. marketing transactions hit $53.6 billion. The volume of those transactions, on cattle, hogs and sheep, was 238.5 million head.

The survey is unique in that it measures each time there is a change of ownership on one head of livestock. This method of surveying provides a better picture of the size of the livestock industry than other methods, Wilson said.

The survey also showed that the percentage of U.S. cattle and calves slaughtered that were handled by marketing firms, was 66 percent in 1980, he said.

This parallels "all the attention" currently being given to marketing, Wilson told the May 3 meeting.

"You can't pick up an industry newspaper or magazine today without reading that one of the best roads to profitability in agriculture is paved with more attention given to marketing," he said.

That is a position the marketing sector has taken "for years," Wilson said, adding that marketing businessmen "have been waiting" for the rest of the industry to come to the same conclusion.

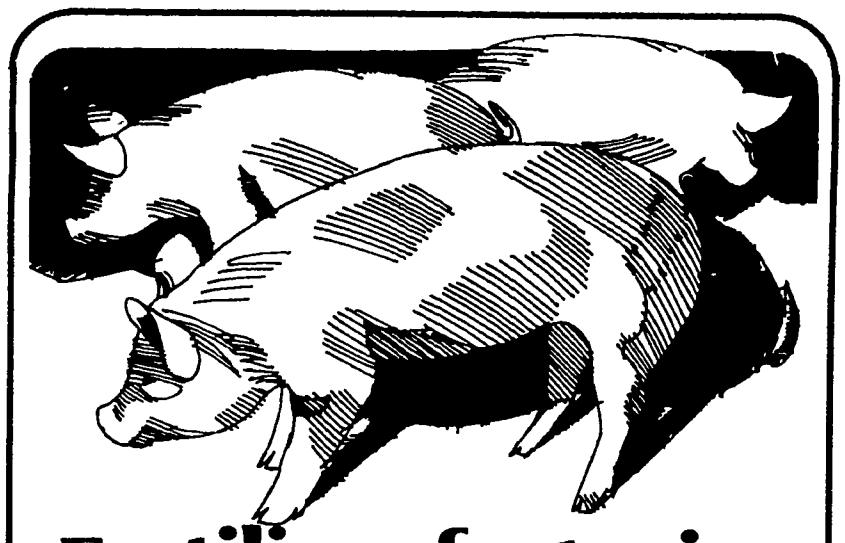
"But while we've been waiting, we haven't been just marking time. We've given a lot of thought to how the marketing sector can do a better job for the entire industry," he continued.

"And one of the major conclusions we've reached is that if we're to have the elbow room we need, to do the job we do, we've got to get the government off our backs and out of our wallets."

Pointing out that the marketing sector "has always been on the cutting edge of innovation and change in the livestock industry," Wilson said LMA's national campaign to reform and modernize livestock marketing laws will benefit the entire industry.

Wilson also called upon the group to help him "tell marketing's story" to the rest of the livestock industry. The marketing sector must create an "increased awareness of its vital role within the industry" if it is to reach its legislative goals, he said.

THINK AHEAD...
Read Futures Markets on Page 3.



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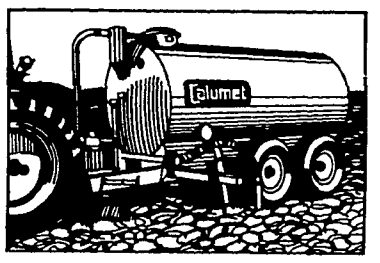

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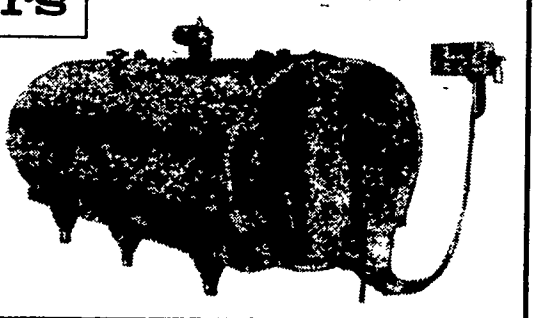

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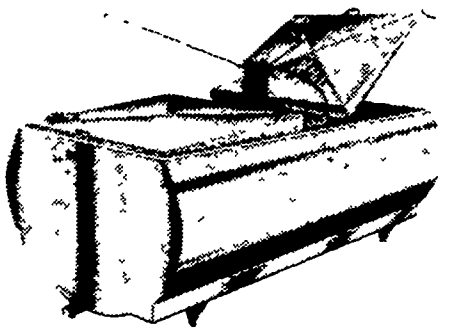

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More than 2500 Angus measure up to Pathfinder yardstick

ST. JOSEPH, Mo. — A record 651 registered Angus breeders have qualified 2,526 cows and 78 bulls to be listed in the 1981 Angus Pathfinder Report, according to Dick Spader, executive vice president of the American Angus Association.

The Association's Pathfinder Report will be published in this month's Angus Journal.

The Pathfinder program was initiated in 1978 as a research for superior producing registered Angus cows that are enrolled on the Angus Herd Improvement Record program.

Pathfinder bulls must sire at least 5 daughters that qualified as Pathfinder cows. This year 78 bulls qualified.

The top bull is Rito 707 of Ideal 533 70, with 47 Pathfinder daughters. He is owned by Jorgensen Ranches, Ideal, South Dakota, and American Breeders Service Inc., DeForest, Wisconsin.

Four other bulls have sired 25 or more daughters listed in the report. They are: Schearbrook Shoshone, 29; Ankonian Dynamo, 27; Rito 707 of Ideal 836 71, 27; and Blacklock McHenry 13 Y, 25.

The herd with the most Pathfinder cows (59) is Nichols Farms, Bridgewater, Iowa. In second place with 45 cows on the list is Summitcrest Farms, Summitville, Ohio. Third place honors, and the only other herd with 30 or more Pathfinder cows, was Bon View Farms, Canova, South Dakota, with 32 on the list.

Specifically, for a cow to qualify for the Pathfinder program, she must calve the first time within 30 days of the average for first calving in the herd that produced her. She must then maintain a regular calving interval of every 12 months, with a few minor exceptions.

The cow must produce at least three consecutive calves to qualify for the first listing and each of these calves must have a weaning weight ratio of 105, or 5 percent above the average of contemporaries. The calves must be weighed with at least 10 contemporaries.

To continue to qualify for the program, a cow must calve regularly and wean calves that maintain the average weaning ratio of 105 or better.

Complete information on the program is available from John Crouch, director of breed improvement for the American Angus Association.

Md. strawberry season opens

ANNAPOLIS, Md. — Good news comes from the strawberry fields of Maryland's Lower Eastern Shore: it's strawberry time again and the Princess Anne auction block just began selling the tasty berries, but good volume should begin on Monday.

Russell Bozman, manager of the Eastern Shore Vegetable Growers Co-op, Inc., which operates the Princess Anne's auction block, says berry supplies will be light for the first couple of days and then pick up bountifully for about two weeks and then close-out production gradually the third week.

The block will operate Monday through Saturday, weather permitting, and swing into action as soon as the berries begin arriving in the mid morning.

Weather is the key factor in strawberry production, both as to quality and quantity, particularly so with the Maryland grown berries which are unequal in flavor and texture. Maryland berries, precious as they are, do not ship and store as well as the "big competition" from the West, but as anyone knows, they can't be beat for canning and freezing.

Rules for the auction are simple as it is open to anyone buying on a cash basis. The berries are sold in sixteen quart crate units and the transactions are simple and direct. In the past, many church groups, buying co-ops, and roadside markets have bought right along with commercial brokers. All a buyer has to do is register with Mr. Bozman's office prior to bidding. Those with further questions about buying are invited to contact Mr. Bozman during business hours at 301-651-2153, and in the evening, at 301-651-1265.

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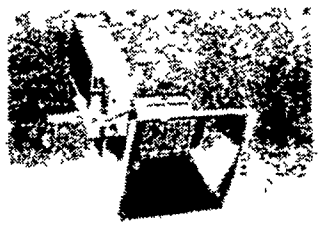
SBM: downgoing heat.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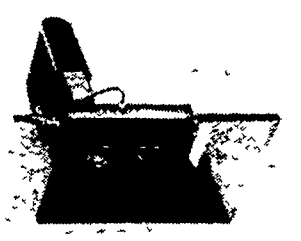
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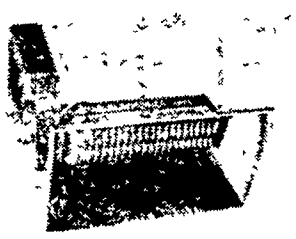
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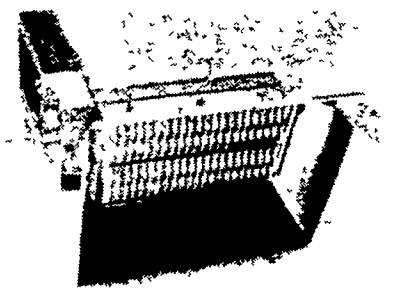
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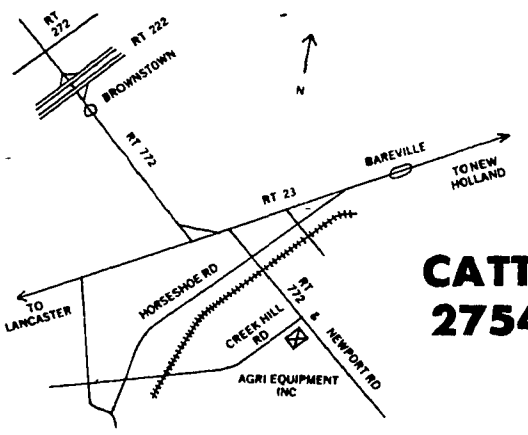

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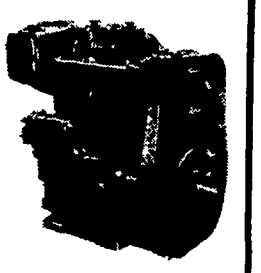

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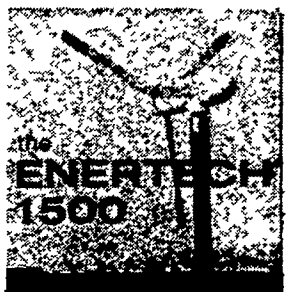

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How to beat slow-pay in produce sales

LITITZ — What is the cost of slow-pay to the fruit and vegetable industry?

The cost could be very high, says Assistant Secretary of Agriculture P.R. Smith.

With an average load of produce at the market costing $15,000 and with some items as much as $40,000, it obviously would not take long to extend significant amounts of credit in a short period of time, says Smith.

Like all successful businesses, fruit and vegetable farmers and other traders must capitalize their businesses. For the majority of persons, this requires some type of outside financing. Most financial agreements under which farmers and traders operate call for payment of loans on a fixed date.

Like it or not, when payment for the produce is not received when due, farmers and shippers can be turned into their customers' bankers overnight.

Because the produce industry is one that conducts its business and extends credit on a phone call or a handshake, Smith cautions all sellers and farmers to closely monitor their credit programs in such a way that possibility of cash flow and slow payment problems can be minimized.

Most knowledgeable and successful farmers and traders have strong credit policies that give them a shorter turn around time on their money. They have taken the responsibility for credit decisions out of the hands of salespeople. Decisions on who will receive credit and how much credit will be given and for how long are based on experience and knowledge of their customers' financial situations.

Changes in their customer's payment behavior also govern the extent to which they extend credit to them.

The assistant secretary says many farmers and traders make the mistake of measuring "good" customers on the volume of merchandise bought. It is the successful sellers, Smith says, the measure "good" customers, not only on volume, but on when payment is made.

IN the interests of good credit management, sellers should have a firm agreement with their customers on when payment is expected. If payment is not made as agreed, sellers should ask for their money.

Buyers should be informed that excessive amounts of credit will not be given and that if payment is not made as agreed, steps will be taken to obtain payment, including filing of a complaint with the U.S. Department of Agriculture under the Perishable Agriculture Commodities Act.

Obviously, the seller would refuse any further credit until the account is current, Smith says.

Any new account should be thoroughly researched, Smith says, before the first sale is made to determine whether the firm is able to pay, and whether persons in the firm had prior problems in the produce industry. Trade and financial rating publishers, along with PACA representatives, can provide important information on the history of many firms.

Some growers, shippers, and dealers have organized their own associations to take care of their credit problems, and in certain cases, to furnish dealers with a list of buyers who are not meeting their obligations.

PACA requires that payment for produce be made ten days from date of acceptance, unless there is a specific prior agreement between buyer and seller for a different time period. Complaints for the recovery of money can be accepted when payment is not made.

Smith points out these complaints are first handled informally. He stresses the high percentage of success in informal settlements, citing recovery of more than $9 million a year for injured persons.

Where informal settlement cannot be worked out, a formal complaint can be filed. If a reparation award is issued, the buyer is required to pay, or the firm's license to trade in produce is automatically suspended until the award is paid.

Reparation orders also require payment of interest from the date payment was due until payment is actually made. Recently, USDA raised the interest rate from eight to 13 percent to insure that injured parties were not put at a financial disadvantage when they have to borrow money to subsidize firms that fail to pay for produce.

Smith points out that USDA's responsibility in administering PACA is "to suppress unfair and frudulent practices in the marketing of fruits and vegetables in interstate and foreign commerce."

He says complaints filed by injured persons for the recovery of money are handled promptly in an effort to obtain payment. If appropriate, arrangements are sometimes made for payments on account. When USDA officials determine that a firm has insufficient funds to conduct a business operation, has committed

(Turn to Page D15)

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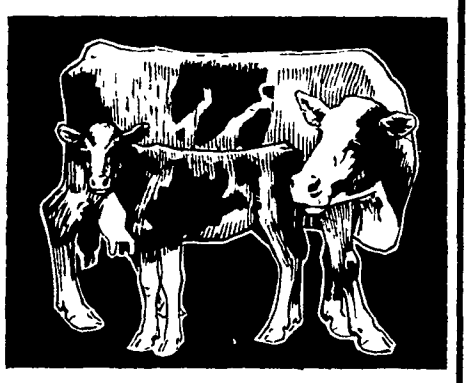
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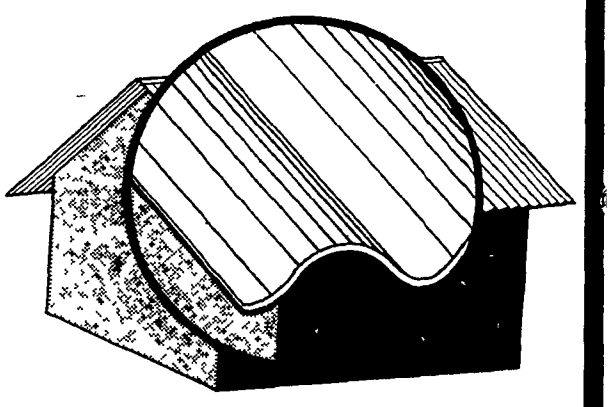
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Slow-pay

(Continued from Page D14)

repeated or flagrant violations of the PAC Act, or both, they often take steps to revoke the firm's PACA license.

If settlement of pending complaints can be arranged, but the audit indicates further problems, audits are made from time to time to determine whether the problem areas have been cleared up.

In some cases, USDA is provided firm evidence of repeated or flagrant violations, and these situations are made the subject of investigations. If PACA investigations find the firm is engaging in unfair trading practices, such as slow-pay or no-pay for purchases, and a warning does not result in compliance, they may institute an action to suspend or revoke the firm's license.

Investigations of this type are not carried out to recover money for injured parties. They are conducted for disciplinary reasons, and USDA becomes the complaining party.

No seller can survive in the produce industry by extending abnormal amounts of credit or putting up with slow-pay practices, Smith says. When sellers do so, they are jeopardizing not only their businesses, but also the businesses of their suppliers.

Slow-pay and no-pay can have a domino effect, he says, that eventually carries back to the farm and farming community.

"In these days of high overhead and tight money, it is important that everyone in the fruit and vegetable marketing chain — from the farmer to the retailer — uses whatever means possible to eliminate the unfair practices of slow-pay and on-pay," Smith says.

"By observing good business practices, with self-control and with the help of the PACA and other financial ration organizations, the produce industry can control the abuse of credit and shorten the turn-around time on their money dramatically," he says.

Smith urges farmers and other sellers to have contracts specifying when payment is due, to follow up by seeing that timely payment is made, and to ask for payment when invoices are past due.

"When sellers have made these efforts to obtain payment but are unsuccessful, our PACA representatives can help recover the money. But we need firm evidence of the unfair practice before we can take action under PACA to eliminate it," Smith explained.

"Controlling the costly no-pay, slow-pay problem and eliminating the few unscrupulous operators who find their way into the produce business will take a commitment on the part of everyone in the industry to control credit," Smith emphasized.

He said USDA, for its part, is committed to tackling the problem instances where produce people have taken self-help measures.

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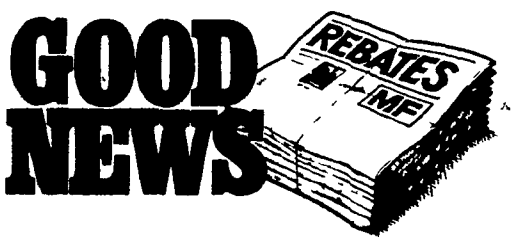

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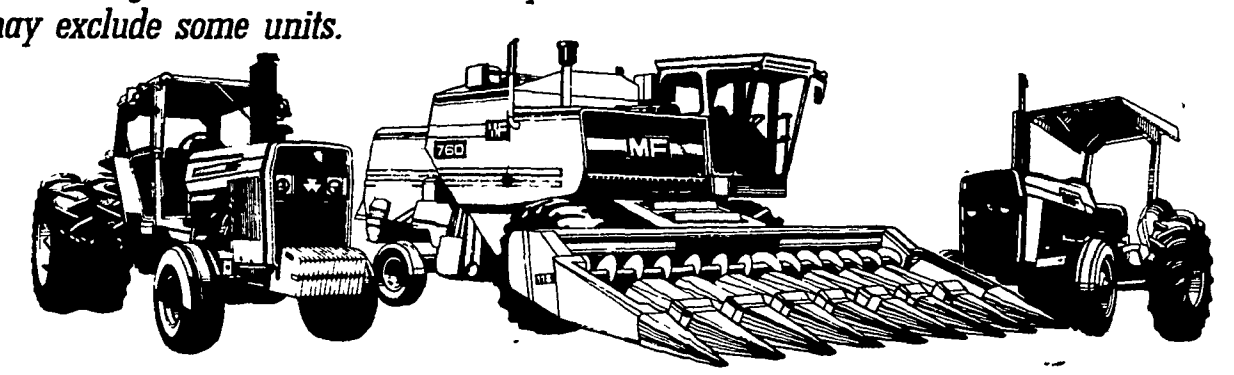

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Bertrand says food, ag needs improved technology base

SCOTTSDALE, Ariz., — To continue as the principal contributor to world trade without depleting its natual resources, the United States must find ways to maintain and improve its technology base in food and agriculture — from production to processing to distribution, a U.S. Department of Agriculture official told a food industry group recently.

Speaking at the 20th Food and Drug Law Institute's Food Update '81 Conference, Anson R. Bertrand, USDA's director of science and education, said "Secretary of Agriculture John R. Block recognized this need and has called for an increase in the agricultural research budget."

The annual conference is a seminar for professionals and executives from leading food manufacturers, distributors, food industry suppliers and related industries.

Bertrand described some of the research goals USDA's Science and Education Administration has set to meet U.S. food and nutritional needs.

"Of course, all of our research priorities must be established within the limitations set by the broad concerns of the USDA and the nation," he said. These concerns, he said, include our finite natural resources of energy and the need to increase productivity.

"USDA food utilization research is aimed at reducing processing costs; improving products through innovative and improved processing technologies; increasing efficiency by reducing energy needed to process and handle foods; optimizing nutrient retention, and providing new foods that are high in quality and safe for consumers," he said.

The need for the federal government to become involved in or to continue each particular line of agricultural research must be carefully examined, Bertrand said.

"Obviously, if the research benefits only a few, if it would be more appropriate for a particular industry to carry out the research, or if other institutions already have better capabilities to conduct the research, it would not be appropriate for the federal government to take the lead."

Bertrand said research and development projects are the foundation for continuing progress in all of this nation's industries.

USDA's research, he said, affects the food industry directly and indirectly. Often, this research supplies the fundamental information needed by the food industry to develop new or improved products. Sometimes, basic research findings lead to developments that far exceed the researcher's expectation.

"Private industry has an enormous capacity for translating basic research results into practical application and putting them within the reach of farmers, ranchers, businessmen and consumers," he said.

Bertrand said agriculture depends on a rapidly expanding export market for food and feed commodities and the nation relies on exports to help offset the growing U.S. deficit in international trade.

"We must increase agricultural productivity to meet the anticipated 60 to 85 percent increase in demand for U.S. agricultural products by the year 2000," he said.

Brucellosis indemnities cut 20 percent

WASHINGTON, D.C. — A shortage of brucellosis eradication funds has forced U.S. Department of Agriculture officials to order a 20-percent across-the-board cut in indemnities paid for brucellosis affected cattle, effective May 1.

Paul Becton, director of the national brucellosis eradication program for USDA's Animal and Plant Health Inspection Service, said the cut was necessary to make sure indemnity funds were available through the remainder of the fiscal year, which ends September 30.

"If we had continued to pay brucellosis indemnities at existing rates, there would have been no funds to compensate owners of brucellosis reactor cattle during the last three months of the current fiscal year," Becton said.

Program standards under the cooperative state-federal brucellosis eradication program require cattle to be slaughtered if they react positively to brucellosis tests. Indemnities for registered cattle are based on a percentage of each animal's appraised value, less the salvage paid when the animal is sent to slaughter.

This percentage is 88.5 percent, but the calculated indemnity is now reduced by 20 percent.

Non-registered dairy cattle indemnities are fixed at a flat rate within each state, based on current market values. These flat rates will be reduced by 20 percent, Becton explained. Other non-registered cattle have been indemnified at the rate of $62 per head, but under the spending cut, the rate is reduced to $50 per head.

Brucellosis in cattle, also called Bang's disease or contagious abortion, is an easily spread bacterial infection of domestic animals, especially cattle and swine. It can be transmitted to humans, where it is known as undulant fever. However, it is not a hazard to people who eat meat and pasteurized dairy products.

Currently, 31 entire states have been classified as certified brucellosis-free under the eradication program. Except for six counties in Florida and Louisiana and the Yellowstone National Park, all remaining counties in the country are either certified free or in modified-certified status, which indicates that they are progressing toward eradication.

Research Associate joins U. of Delaware Soil Test Lab

NEWARK, Del — David R. Parker has assumed responsibility for the day-to-day operation of the University of Delaware soil testing laboratory, effective April 27.

The new soil research associate holds degrees in soil science from the University of Vermont and Oregon State University. While at Oregon he studied the behavior of boron in acidic soils in the western part of the state for his master's thesis

At Delaware, Parker will be responsible for laboratory equipment upkeep, improving methodology and investigating new soil testing procedures

His presence will relieve laboratory supervisor Leo Cotnoir of these routine duties so that Cotnoir can spend more time working on soil test recommendations and participate more fully in soil fertility information programs at the University. This will involve working more closely with county Extension agents.

David R. Parker

June is dairy month

CARL MARTIN YOST
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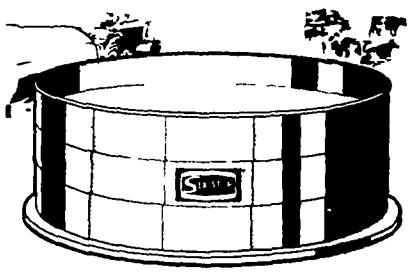

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Vinca perks up a garden

DOYLESTOWN — What flower thrives in sun or shade; hot dry places or cool moist locations; is hardly ever bothered by insects or diseases; and stays fresh and perky even in late summer to fall when many other annuals look "tired"?

"It's Vinca rosea, or Periwinkle," says Jeannette Lowe, horticulturist for the W. Atlee Burpee Co. and enthusiastic home gardener. "This versatile beauty can brighten your garden borders, edgings, patio or window boxes under almost any growing conditions."

Vinca plants are a picture with their glossy, rich green leaves a perfect foil for attractive single flowers about 1½ inches across. They bloom profusely in fresh colors ranging from snow white to pink and rose shades. Some varieties "wink" with contrasting eyes or centers in the blossoms.

Try Vinca Polka Dot for a scintillating effect. The white flowers accented by cherry red centers attract immediate attention in hanging baskets or planter boxes. Polka Dot is also pretty in the garden as an edger or ground cover. The plants tend to spread vigorously and grow only 4 inches high.

An outstanding newcomer this year is Vinca Pink Carousel. Imagine rose-pink flowers on trailing plants about 6 inches tall and you'll have a mental picture of this debutante. Better yet, plan now to grow Pink Carousel this summer and see how attractive it is in hanging baskets, containers or highlighting your garden in borders, beds and edgings.

How about varieties of Vinca that grow a little taller, 10 inches high? The so-called Dwarf series of Vinca is a favorite, with neat "hedgelike" plants. They're excellent for edging your garden or mass planting in beds, as well as for growing in containers on patios, porches or roof-tops. Choose separate colors for special effects...Little Blanche, a pure white for a cool look in daytime, a lovely shimmer at eventide; Little Bright Eyes, a sparkler with rosy-red eyes flashing from fresh white petals; Little Delicata, a pale pink charmer with contrasting red eyes; and Little Pinkie, a solid rose-pink. Burpee offers all the above, plus a well-balanced mixture of all these separate colors in Dwarf Vinca.

Vinca rosea is easy to grow but in northern areas of the United States should be started inside about 8 to 12 weeks before the last expected spring frost. This means late February into March in much of the country. With this headstart, Vinca comes into bloom in late July and continues until nipped by frost in the fall.

Vinca cannot stand any frost. Wait until weather and soil are really warm before the move to the garden. First, however, accustom (harden off) the seedlings to the outdoor environment for about a week. Put them outside in semi-shade on warm days, bring them back inside at night if chilly temperatures threaten.

Now the Vinca is ready for the permanent location. Prepare the ground in the garden well, work in a balanced fertilizer according to soil test recommendations or package directions, and set the plants 8 to 12 inches apart. In planter boxes or hanging baskets use a potting mixture of two parts planting formula or vermiculite to one part sieved garden soil. A basket 8 or 9 inches in diameter holds about 6 plants. Watch Vinca in containers or baskets closely in hot dry weather and water whenever the soil feels dry. Plants dry out much faster than when grown in the garden.

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HARRISBURG — The incredible egg is one of nature's most perfect foods. Its nutritional value, versatility and relatively inexpensive cost have made it a staple in Pennsylvania's diets.

Eggs are a powerhouse of nutrition. They are low in calories - just 80 calories per large egg - yet provide essential protein, vitamins and minerals. Two large eggs provide about 20-30 percent of the minimum daily requirement for these dietary essentials.

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Although most of the eggs sold in supermarkets are large, special offers on other sizes often may make your buying decision more difficult. An easy formula can help you decide which eggs are the best buy, according to Vicky Wass, Egg Promotion Specialist with the Pennsylvania Department of Agriculture.

To compare egg prices, first determine the difference between the special price and the price of large eggs. If large eggs are 95 cents per dozen and extra large eggs are $1.05 per dozen, the price difference is ten cents.

Next divide the price of large eggs by eight (always use the price of large eggs). Compared this number to the price differential. If the price difference is higher than this number, the higher priced eggs are the better buy. In this case, 95 cents divided by 8 equals 12, which is higher than the price difference, and the large eggs are the better buy.

A free wallet-sized egg price comparison chart is available for consumers. The chart is a handy and quick way to determine the better buy among eggs. For a copy of this free chart, write to the Pennsylvania Egg Promotion Program, Pennsylvania Department of Agriculture, 2301 North Cameron Street, Harrisburg, PA, 17110.

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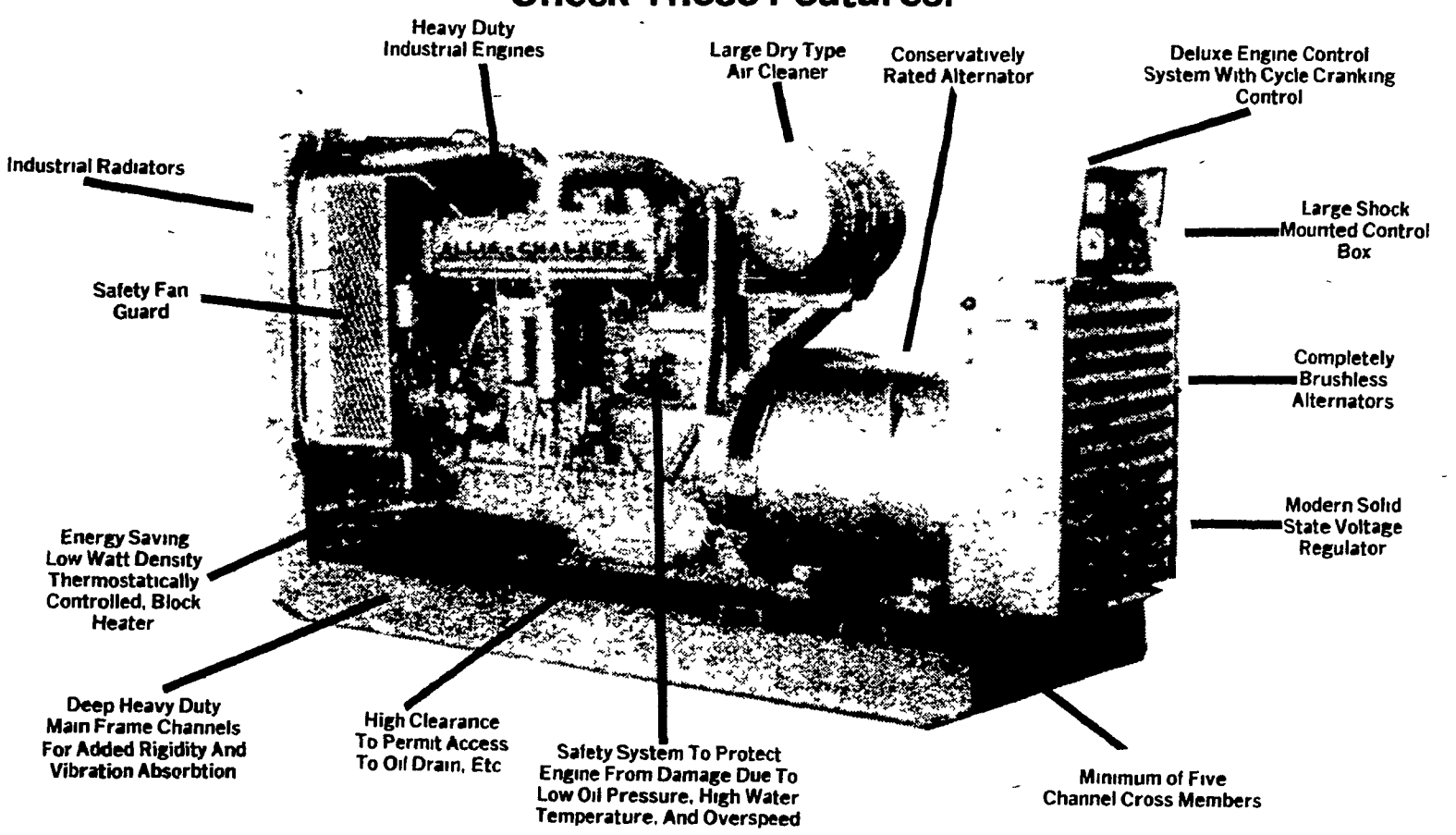
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If stray dogs attack livestock, contact PDA

HARRISBURG — Farmers have a place to turn for help if their livestock, sheep or poultry are attacked by dogs, according to the Pennsylvania Agriculture Department's Bureau of Dog Law Enforcement.

Under Act 437, the Dog Law of 1965, farmers can be reimbursed for damages or loss by dogs to any livestock, sheep or poultry, or to game birds raised in captivity. The program also covers losses to farmers as a result of rabies, which has a low incidence in Pennsylvania.

Donald R. Moul, director of the Bureau of Dog Law Enforcement, said, "The Bureau processed 851 damage claims last year and paid farmers more than $51,000. Many more claims go unreported because farmers do not know the program exists."

Farmers should immediately contact the State Dog Law Enforcement Officer for their county or the nearest PDA regional office when they sustain losses they believe were caused by dogs, he said.

A dog law officer will investigate the claim to determine if it was dog related and will try to locate the owner of the dog involved.

"More than 80 percent of damage claims investigated were caused by pets, not strays," Moul indicated.

Dog owners, if located, are responsible for reimbursing farmers for their losses. The owners will also be prosecuted under the state dog law for letting their animals run at large and can face fines of $100 to $300 plus court costs.

"If a dog owner can't be found," Moul said, "a farmer will be paid the fair market value for his animal or animals from state funds allocated to this indemnity program."

Moul emphasized that to be eligible for payments under the program, farmers must have licenses for dogs they own or keep.

"Under the law, we can not settle a claim if a farmer owns or harbors an unlicensed dog, even if the animal is a house pet and never goes outside," he said.

The dog law states that all dogs six months of age or older must be licensed before January 15 each year. Moul noted that 1981 dog licenses are still available and may be purchased at the County Treasurer's Office.

xxx

Stony corals develop by absorbing calcium from seawater to build rock-hard skeletons. Some grow as much as three inches a year.

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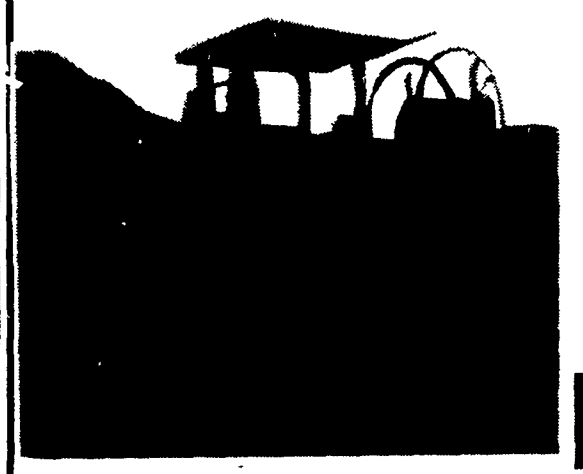

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Hereford Assoc. names bull leaders

KANSAS CITY, Mo. — The American Hereford Association has announced a total of 28 bulls have qualified as genetic trait leaders in the first Hereford sire evaluation summary resulting from the analysis of the AHA's Total Performance Records field data.

This first field data summary follows the Association's sire analysis obtained from a designed program that has been going on since 1974.

The listing contains a total of 516 sires evaluated for their comparative performance in the four traits of birth weight, weaning weight, yearling weight and maternal breeding value.

The 28 trait leaders became eligible for such designation by excelling in one or more of the traits based on certain criteria. A trait leader is a sire that stands in the top 5 percent of all bulls evaluated for a specific trait and has had sufficient progeny records in at least five herds to assure a high degree of accuracy in the analysis.

Among the trait leaders, one bull was recognized in three categories and five other bulls qualified in two different traits.

The complete sire evaluation summary is available from the American Hereford Association, P.O. Box 4059, Kansas City, Missouri 64101, for $10 each.

Some of the leaders by traits follows:

YEARLING WEIGHT

1. Grand Slam, breeder, Glenkirk Farms, Maysville, Mo., owners Granit Hills Hereford Ranch, Llano, Tx.; Wiese & Sons, Manning, Ia.; Glenkirk Farms; 2. L1 Domino 72269, breeder, US Range Lvstk. Exp. Sta., Miles City, Mt., Owners Clarence L. Gross, Colquitt, Ga.; Charlie Cox, Pasco, Wa.; Pruett-Wray Cattle Co., Sasabe, Az.; 3. BB Domino 427, breeder, W.T. Bennett, Connell, Wa., owners W.T. Bennett; Twin V Ranch, Inc., Gooding, Id.; 4. LHR L1 Domino 337, breeder Lund Hereford Ranch, Reserve, Mt., owners Pruett-Wray Cattle Co.; Baker Hereford Farms, Ada, Mn.; United Livestock Brokers, Ft. Collins, Co.; Hot Springs Ranch, Salmon, Id.; 5. 4M Hummer, breeder, Hoffman Hereford Ranch, Morristown, S.D., owners Meyer Hereford Ranch, Morristown, S.D.; JAR, Inc., Porcupine, S.D.

WEANING WEIGHT

1. BB Domino 427, breeder W.T. Bennett, owner W.T. Bennett; Twin V Ranch, Inc.; 2. CL 1 Domino 270 breeder Jack L. Cooper, owner Tamarac Ranches, Inc., Miami Beach, Fl.; 3. SH Advancer 521 breeder C. Scott Holden, owner Lacey Hereford Ranch; Berg Brothers; 4. LHR L1 Domino 337 breeder Lund Hereford Ranch, owners Pruett-Wray Cattle Co.; Baker Hereford Farms; United Livestock Brokers; Hot Springs Ranch; 5. L1 Domino 72269, breeder US Range Lvstk. Exp. Sta., owner Clarence L. Cross; Charlie Cox; Pruett-Wray Cattle Co.

BIRTH WEIGHT

1. Mark I breeder Stone Hereford Ranch, owner Wilson Hereford, Thermopolice, Wy.; McBride Ranches, Inc., Granger, Wa.; 2. CH Domino 621 breeder Jack L. Cooper, owner Debter Hereford Farm, Horton, Al.; Lynch Hereford Ranch, Winchester, Tn.; 3. CL 1 Domino 721 breeder Mark W. Cooper, Willow Creek, Mt. owner Indian Mound Farm, New Harmony, In.; Steen Hereford Ranch, Marfa, Tx.; 4. RH Big Northern 2054 breeder Glenkirk Farms, owners Radakovich Herefords, Earlham, Ia.; Campbell Bros., Providence, Ut.; Jensen Bros., Logan, Ut.; 5. SR Mark I J215, breeder Stone Hereford Ranch, owner Oxley Hereford Ranch, Mahnomen, Mn.

MATERNAL BREEDING VALUE

1. Titan 23D breeder L.H. Henuset, Pipestone, Man., Can.; owners Spickler Ranch, Grace City, N.D.; James L. Sutton, Onida, S.D.; Duncan Ranch Co., Joplin, Mt.; 2. L1 Domino 72549, breeder US Range Lvstk. Exp. Sta., owners Warren Gibson, Wallace, Nb.; Larry Gibson, Wallace, Nb.; 3. M&M Major Misch 125 breeder Morris Neiderworder, Hermosa, S.D., owners Donald H. Ehlers, Midland, S.D.; Ernest Nemec, Midland, S.D.; 4. B&K Wabash Britisher, breeder Blume Ranches, Ltd., Castor, Alta., Can.; owners Madison River Cattle Co., Three Forks, Mt.; Brooks Ranch, Burlington, N.D.; 5. Sir Arthur, breeder Stone Hereford Ranch, owners River Oaks Farm; Paul Ogren & Sons; Volunteer Hereford Farms.

Disaster crop acreage to be covered by crop insurance

WASHINGTON, D.C. — Expansion plans for federal crop insurance were accelerated recently by Secretary of Agriculture John R. Block to include all acreage planted to crops formerly covered under USDA's disaster payments program.

Block said these crops will be eligible for insurance in 1982, beginning with wheat and barley planted this fall. Other crops covered are corn, cotton, grain sorghum and rice.

About 95 percent of the U.S. soybean acreage will be covered, with the remainder becoming eligible after USDA collects yield data, he said.

"By making this insurance available nationwide on disaster crops, we can provide greater protection for farmers and still meet our goal of reducing dependence on the federal government," Block said.

He said the Reagan administration can now avoid extending the disaster payments program under the omnibus farm bill currently before Congress. That program expires later this year.

Previous federal crop insurance expansion plans would have added 250 counties per year to the program, making the insurance available on 97 percent of the disaster crop acreage in 1982.

Block also announced that USDA's Federal Crop Insurance Corporation is preparing an individual yield guarantee program for all disaster crops and soybeans. Farmers able to prove their yields over a given period of years can have the coverage tailored to their own production history. This will be effective with 1982 spring-planted crops, Block said.

However, he said, since individual farm yield data may be limited or unavailable in some areas, FCIS may develop identical rates and coverages involving several counties for the crops to be planted this fall. These coverages would be converted to the individual yield basis the following year, he said.

Under the new insurance program, coverage is readily available in each county since many private agents and companies are writing and delivering the federal insurance, Block said.

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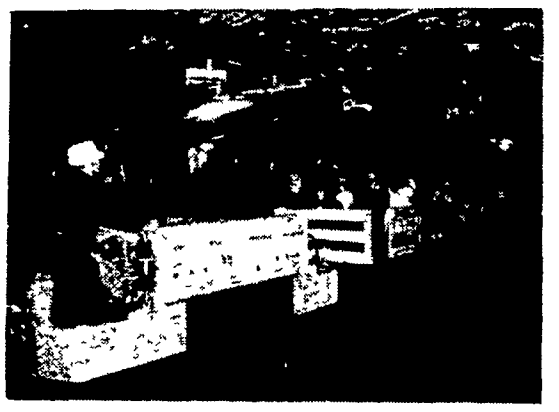
Tour Ashland's Pioneer Tunnel Coal Mine & Ride the Steam Lokie



Pioneer Tunnel Coal Mine

Who would ever dream that he would have an opportunity to visit an actual coal mine? By now you can, conveniently and in complete safety, at Ashland, Pa., in the heart of Pennsylania's famed anthracite region Here thanks to the efforts of a group of civic minded citizens who formed a nonprofit organization for the purpose, a real honest-to-goodness coal mine managed by real coal miners has been restored as a tourist attraction

Pioneer Tunnel is what is known as a horizontal drift mine It runs for 1200 feet straight into the side of Mahanoy Mountain You make the trip in comfort, riding in open cars pulled by a battery operated mine motor When you alight, deep inside Mahanoy Mountain, miner-guides tell and show you the fascinating story of anthracite coal

The mine temperature averages 55°, so please bring your sweater or jacket At times water drips from the top of the mine and the floor planking is damp Also, guests ride in open cars behind the lokie, which is a coal burning engine Visitors are advised to dress accordingly

COME & VISIT
DAILY MAY 30 THROUGH SEPT. 6
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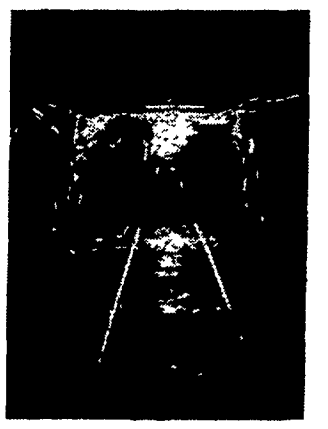
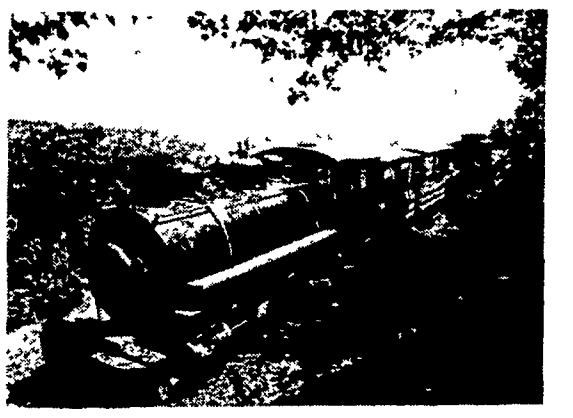


Picnic and playground facilities are available in a park adjoining Pioneer Tunnel Also nearby is a state operated museum devoted to mining technology and geology

Moving on to the picturesque town of Ashland, another attraction awaits you, a bronze replica of Whistler's famous "Mother" painting, erected as a memorial to the mothers of Ashland

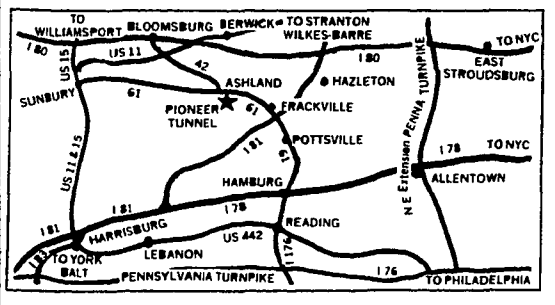
Geology buffs will enjoy searching for fossils near a gigantic exposed fault The fossil site is located about 1½ miles from Pioneer Tunnel, and guided tours can be arranged at the Tunnel Office



Steam Lokie

A big "added attraction" on your visit to Pioneer Tunnel is an opportunity to ride an old-fashioned, narrow-gauge, steam locomotive (lokie), the Henry Clay The Henry Clay, with its string of brightly colored mine cars and of course a red caboose, takes you on a three quarter mile ride around the side of Mahanoy Mountain to show you another kind of mining known as strip mining The Steam Lokie will take you to Mammoth Stripping an area where an unusually thick seam of anthracite known as Mammoth Vein bent up to the surface of the earth Here, in days gone by, monstrous steam shovels of the Panama Canal type ripped out millions of tons of coal from the exposed seam and left a 150-foot high man-carved wall of solid rock extending as far westward as the eye can see You can look down into the gaping trenches man has left and almost hear the crashing, clanking, rumbling coal mining operations of yesteryear

Nearby is a relic "bootleg" coal hole This and others in the area were dug by men who were willing to defy trespass laws, brave cavein and company guards to obtain a few bags of coal to sell or heat their homes



Pioneer tunnel was selected as one of the top ten tourist attractions in PA in 1979, by PA Travel Advisory Council.
Group rates available on request.

For Further Information Contact

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Shop around on NOW accounts

NEWARK, Del. — Good deal or bad? It sounds too good to be true, but this year financial institutions have begun offering interest-bearing checking accounts.

Banks and savings and loan associations often call them NOW accounts. NOW stands for negotiated order of withdrawal. Credit unions offer share-draft accounts which are essentially the same.

Under the new law, financial institutions are able to pay a maximum of five and one-quarter percent interest on checking accounts. If interest is calculated on an average daily balance, the annual effective yield will be a little higher. That's the good news, according to Delaware extension family living agent Pat Wilson.

As for the bad news - not all consumers will make money on these accounts. Whether you will or not depends on your financial management and how much money you keep in your checking account. Many banks are requiring minimum balances before they pay interest. At some banks the minimum must be at least $2,000. If your account falls below the minimum, they levy a service charge. Service charges range from $1.50 to $8 per month depending on the bank. A few savings and loans have no minimums and do not levy a service charge. These are the only accounts that are really free.

Because each financial institution offers its own plan, it is important to shop around for the best deal, Wilson advises. Be sure to ask what the balance must be before the interest is calculated. Banks use either an average monthly balance or a minimum monthly balance. An average monthly balance is roughly two and one-half times the minimum balance, and it's far more lucrative for your account.

Also, ask how the interest is calculated. If you can find an institution that uses the average daily balance and figures the interest daily, you will probably have the highest effective rate. Other institutions credit interest on the account's lowest balance each day or the average balance each month. Avoid an account that uses a minimum monthly balance. With this situation, if your balance drops to $100, that would be the figure on which they'd calculate the interest even though you may keep $1,000 in the account most of the time.

The moral of this story is that if you are thinking of switching to the NOW account, do a careful job of shopping. Use past bank statements to figure out what the charges would be with an interest-bearing account. You may or may not come out ahead.

MF tractors

DES MOINES, IA. — Massey-Ferguson has announced the latest step in its long-term reorganization plan.

Beginning this fall, the manufacturer of all MF North American-produced tractors will be consolidated at Detroit, Mich. MF's Tractor Division is located there, and the company has a large plant complex in Detroit that, to this point, has been used for production of two-wheel-drive tractors

This consolidation will involve the transfer of four-wheel-drive tractor production, previously done at Des Moines, Iowa, to Detroit.

According to Glenn A. Christians, General Manager of Massey-Ferguson's North American Sales Division, "For the purposes of long-term growth and economics of scale, it is desirable to consolidate all tractor assembly in Detroit.

Christians said the company anticipates an increasing demand for the 4000 series four-wheel-drive tractors And this consolidation of production will help meet that demand.

DAIRY DISPERSAL
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Watch for auction arrows.

130 HIGH GRADE AND REGISTERED CATTLE 130

The herd consists of 83 milk cows, 22 bred heifers, 13 yearling to breeding age heifers, 6 started heifer calves, 1 registered Lewie Bull calf born 11-3-80, 1 grade service bull born 6-14-80, and 4 Holstein steers. This is a well Managed herd of Eastern bred cows that has a RHA as of April 30, 81 15,034M 543 3.6 test.
Their reproductive health is excellent, with a 12.3 calving interval and 1.7 service preconception. The dairy is in the following lactations: 10 strictly fresh cows, 9 due in June, 9 due in July, 5 due in August, 7 due in Sept., 8 due in Oct., 14 due in Nov., 8 due in Dec. The balance in various stages of lactation. Included in the herd are 15 dau. of Nicolk Royal Comet, 9 by the Great Willow Farm Brockman Ivanhoe, 9 by Ace High Dairy Trixie Ted, 8 by Hoacre Shamrock Sonny Halo, 6 by Kime-Farms Astronaut Lewie. 5 by Caylill Standout Cavilier, 1 by Astro Jupiter, Last lactation DHIA records up to 21,000 lb. and 305 days, #78 a well balanced 4 yr. old Willow, with a firmly attached udder, one of the best type cows we have had the opportunity to sell due in Dec to Elate, she has proj. to make 15,907M 590F. If you would like a high scoring young cow that has never been classified here she is.
#71 by Comet also fresh in Jan., she has 74 lb. her April test, is proj. to 17,249M. Grade #63 a big strong 5 yr. old fresh early in April. She has 76 pounds on April test.
Managers Note: This is a well bred Eastern Dairy with huge size and very good milking quality. All cattle will be tested for Lepto and shipping fever shots, preg. examined plus blood and TB tested ready for immediate interstate shipment day of sale, Catalogs at ringside.

PRODUCE

A quantity of 1st cutting alfalfa and mixed hay, 17 ton corn, approx. 4-5 ton soybeans, quantity of oats, alfalfa grass seed, Sudax and weed control chemicals.

MILKING EQUIPMENT

Glass pipeline fittings, weigh jars, S.S. pipe, dump station, pump, pipe and 1" pipe for 80 cows, Sunbeam cow clippers, Dust bag, oiler and etc., 85 cow straps, drain tiles and pipe, roofing paper, 2 cow mats, 15 gutter grates for 16" gutters, 3 metal feed carts, broom, shovel, fork, and barn cleaner, wooden calf hutch, 40 sheets of new galvanized roofing, dog house, rabbit cage, Ford 1960 Pickup, Moto-Ski snowmobile. Penn Panzer electric garden mower, new Ashly wood stove, shop size, never used, 9 bales of twine, 150 gal. fuel tank and pump, Sharpened cedar fence post, elec. motor, gas operated Scare gun, used rear tractor tire, many machine carts, plus more misc. items not mentined in this ad.

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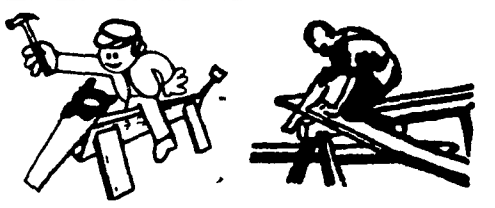
Located in Lancaster County, PA — 7 miles East of Lancaster — ¼ mile North of Bird-In-Hand on Beechdale Road. Take Rt. 340 to railroad underpass, turn North on Beechdale Road - follow to sale.



Approximately 17,000 ft. 2 x 8 yellow pine barn floor plank; 90 pieces 3 x 12 x 20 ft. fir; 90 pieces 3 x 12 x 25 ft. fir; 10 pieces 10 x 18 x 20 ft. fir; 20 pieces 8 x 16 x 20 ft. fir; 9 pieces 10 x 10 x 12 ft. fir.
300 sheets 26 x 10 ft. galvanized steel roofing; 12 pieces 8 x 8 x 20 ft. long treated posts; Misc. 2 x 4 — 2 x 6 — 2 x 12's; piles of 1 x 4's; approximately 3000 ft. tongue & grove flooring; Wooden & Steel window sash; 6 prefabricated stair cases, doors, window units and hardware, large assortment of nails, 8000 tobacco lathes; 500 ft. 2" pipe.

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Located along Manor St., Lancaster, Pa. At the corner of Manor St. & South West End Ave.

Commercial Magic Chef stove; Glenco 2 door stainless steel refrig.; Philco, Norge & Revco chest freezers; upright freezer; 2 Frig. & G.E. 2 door refrig. frost free; G.E. elec. stove; gas stove; 2 G.E. auto. washers; elec. Singer sewing mach.; Commercial ironer & ironing board; American Standard port. bathroom lift; 8 adj. hosp. beds w/mattresses; 6 adj. bed tables; wheel chair; port. pots; elec. Smith Corona adding mach.; Olympia port. typewriter; Schirch hair dryer; G.E. elec. wall clocks; 7 elec. fans & heater. Plank bottom settee; plank bottom chairs; pine 4 leg dropleaf table; jelly cupboard, blanket chest, wardrobe & feed chest. Seth Thomas wall clock in oak case. Other furniture in oak, Empire, walnut, mahg., maple, Waterfall, cedar, iron, uph., metal & chrome. Floor lights; hand & desk bells; Marietta pot & lg. & sm. skillets; old deco. tin water cooler; agate & wooden articles. Brass butcher bell, clothing tree etc. Pocket knives; baskets; sterling silver thimbles; old pin cushions; homespun linen; light & heavy shawls. Glassware & china in pressed, German, restaurant etc. Lots of lg. & sm. pots & pans in stainless steel; cooking utensils; sm. elec. appliances; all kinds of silverware; lots of dbl. & sing. sheets, towels, table clothes, blankets etc. Pillows;. sewing articles; braided & throw rugs; Alum. & wooden step ladders; metal utility cart; hand, shop & garden tools; alum. lawn chairs; 8 wooden porch rockers; 3 park benches; other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served. Parking is available at Andy's Catering Service.

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MONDAY, MAY 25
10:00 a.m.

APPROXIMATLEY 20 - 25 TRACTORS - Including Cubs, Fords, John Deere, Internationals, Fergusons, and many other makes. ALSO - We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, post hole digger, discs, wood saw, rakes, baler, grain elevator, corn pickers and many other farm related implements.
We will also be offering a good selection of NEW AND USED TOOLS - Including carpenter tools, hand and electric tools, drill presses, socket sets of various sizes, plumbers tools, and other tools. These tools will be offered starting at 10:00 Sharp.
We will also be offering some household articles and some antiques.
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Auctioneers: Jones, Miller and Bohrer
Clerks: Bohrer & Bohrer
NOTE: THIS IS A CONSIGNMENT SALE. If you have surplus farm items, tools, household articles, let us turn them into CASH. If you are considering having an auction, please contact us. We would appreciate your consideration.
NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

KELLER'S PUBLIC AUCTION
FARM MACHINERY, HOUSEHOLD GOODS
SATURDAY, MAY 30, 1980
10:30 A.M.
Located along Elm Road, midway between Manheim and Lititz, Pa.

Farm Machinery & Household Goods. This Sale is not too large.
Ford 5000 Diesel Farm Tractor with Wide Front End in good condition, 3 bottom 2 way model #129 Ford Plow, John Deere Model #40 manure spreader, #246 John Deere Corn Planter w/Gandy Applicator, Spring Harrow, 20' 4" Auger w/motor, 9' Brillion Cultipacker, Side Mower, Portable Platform Sacles, 12x44 Hog Farrowing Portable Units 30' Bale Elevator, 16 Hole McCormick Deering Grain Drill, Fuel Tank, Bale Carrier, Large Iron Trailer Frame, Wooden Wheel Barrow Hog Feeders. Smidley & Quonnet (Isolet) Hog Shelters, Oliver model 17 traction driven manure spreader, Sauder loader with 72 inch snow bucket, 3 point hitch, two row cultivator, Steel field type land roller, Used lumber including wide barn boards, 12' loading chute, David Bradley Hammermill, corn crib, N.H. Side Kick Spreader, 4'x6 hauling crate.

HOUSEHOLD GOODS

Butter Scales, 3 Lanterns, Old Fashion Butter Churn, Old Money, Rug Beater, Assorted Dishes, Almanacs, Wooden Table, Old Jars, 2 Tricycles, Metal Wardrobe Double Bed w/Bed Spring & Mattress, Single Beds, many other items.

Sale By:
HAROLD H. & LOIS R. KELLER
717-665-3298
Auction Conducted By The:
J. Omar Landis Auction Ser.
Jay M. Witman
Box 501
Ephrata, Pa. 17522
717-627-0789 or
717-665-5735
Food Served

SPECIAL SALE

FEEDER CATTLE & FEEDER PIGS
FRIDAY, MAY 22
at 7 P.M.
Weekly Sales: Wednesdays at 6:30 P.M.

Eggs, Poultry, Rabbits, Vealers, Feeder Pigs, Stock Cattle, Fat Cattle, Cows, Lambs, Goats & Hogs.
We buy hogs private treaty all day Wednesdays.

Thomasville Livestock Market Inc.
Along Route 30
6 mi. West of York.
Phone No. 717-792-2248
or 717-229-2102

PUBLIC AUCTION

TUES., MAY 19TH
AT 5:30 P.M.
(AT GARAGE) 12 MAPLE ST., LITITZ, PA.

Coins, oak grandfather clock, mantel clocks, dough tray, cedar chest, old oak wall phone, Shirley Temple pitcher, china, glass, 8 wooden display cases, glass enclosed show case, novelties, lumber, lot of misc items.

FOR YOUR PUBLIC SALE CALL
Auctioneer John H. Cooper
(agent for owner)
717-665-5839

PUBLIC SALE

Val. Farm Machinery, Some Household Goods & Antiques, Etc.

on farm 6 miles N.E. of Hughesville, Pa. near Fribley Church. Auction Arrows off Rt. 118 1mile E. of Hughesville near Cart Track.

WEDS. EVE., MAY 20
6 P.M.

3 Gas Tractors: IH 300 Utility w/fast hitch & 3 pt. adapters-12-28" duals, sold seperate; Oliver HD-68 crawler w/pully & PTO; Oliver 60 w/pully; Oliver 2 & 3-14" trailer plows; harrows; drills; AC 66 pto combine; NH 461 haybine; NH 269 pto thrower baler; 2 thrower wagons; rake; NH PTO spreader; JD 15A chopper; NI 7 picker; other machinery; 2-1st calf black white face heifers w/bull calves; Hereford crossed heifer due sale time. Household goods & antique items sold first.

Owner,
CLIVE & RUTH McCARTY

Auct.
Max Fraley & Son
546-6631

Lunch

PUBLIC SALE

OF 300 HEAD
OF LIVESTOCK 300

Located at Plainfield, Pa. next to Plainfield School or 5 miles West of Carlisle, Pa. and 3 miles West of Cumberland Golf Course off Route 11 South.

SATURDAY EVE., MAY 23
at 7:00 P.M.

150 HOLSTEIN HEIFERS 150

Consisting of all Calfhood Vaccinated open Holstein Heifers ranging from approx. 400 to 600 lbs. All TB Tested for Interstate Shipment.

150 STEER CATTLE 150

Consisting of Holstein and beef type steers weighing approx. 300 to 600 lbs.

All cattle are dehorned and wormed and just the right kind for growth.

Sale to be held in tent with steers selling first.
Terms - Cash. Not responsible for accidents.

J.R. ZIMMERMAN
L.J. WESTON

Auct.-Robert C. Mullendore
Clerk-C.L. Metz
Lunch Rights Reserved

USDA helps Haiti eradicate Swine Fever

NEW YORK, N.Y. — The U.S. Department of Agriculture will help Haiti eradicate African swine fever with funds and technical assistance, a USDA official announced. The technical assistance will include training and a small number of personnel.

Canada and Mexico also are expected to help in the effort, said Harry C. Mussman, administrator of USDA's Animal and Plant Health Inspection Service.

The multi-national program to eradicate the disease from Haiti will be operated by the Inter-American Institute for Cooperation in Agriculture, which is associated with the Organization of American States and sponsored by 26 western hemisphere coutries.

After eradication of the disease, the organization will work closely with Haitian officials to reestablish a domestic hog industry — free of African swine fever and other swine diseases.

African swine fever first invaded the western hemisphere in 1971. That outbreak, in Cuba, resulted in a half-million hogs being destroyed, Mussman said. The disease was confirmed in the Dominican Republic and Brazil in 1978 and Haiti in 1979.

PUBLIC SALE

VALUABLE GARAGE EQUIPMENT, SAW SHARPENING EQUIPMENT, ALUMINUM SIDING EQUIPMENT AND SUPPLIES, NEW KEISER AUTOMOBILE PARTS, OFFICE EQUIPMENT, FLOOR SAFE, STATION WAGON, PICKUP TRUCK AND ANTIQUES

SATURDAY, MAY 23, 1981
AT 9:30 A.M.

Located in the town of Schuylkill Haven, 150 Columbia Street, Schuylkill County, PA.

GARAGE EQUIPMENT — Garage type air compressor with electric motor, aboveground car lift, Lincoln air greaser, Lincoln gear lube dispenser, Lincoln drain oil tank, Black Hawk 2-ton floor jack, complete acetylene cutting outfit with tanks; gauges; tips; cart; hose complete, foot operated riveter, Craftsman metal or wood cutting lathe, Bear headlight tester, 6-12 volt battery charger, hydraulic jack, A.C. spark plug cleaner, brake air bleeder, ball joint gauge, grease guns, radiator air cleaner, wheel pullers, electric bench grinders with motors, mechanical tire changer (floor mounted), tire inflator, air hose, tire compressor, tube tester tank, C-clamps, mechanic's work bench, electric drills, electric motors, open and box end wrenches, socket sets, threaders, 2 Delta disc grinders, many asst. grinding wheels, extension cords, jumper cables, crowbars and others, creepers, mechanics's roller seat, anvil, steel parts cabinets and bins, valve seat grinder, Caster camper gauge, fire extinguishers, Dunlap electric hacksaw, 2-wheel utility trailer, new Keiser body and engine parts including grills, moldings and etc., safety stands, Shilton manuals, drill bits, cyl. rimmers, electric riveter, metal letter stencils, electric lawn edger.

SAW SHARPENING EQUIPMENT — 6 Foley automatic saw files and jointers, Foley power retoother, Foley automatic power setter, Nielsen electric chain saw sharpener, 100's new saw blades, Belsaw belt sander, Foley handsaw filer, Oregon filing vice, Thor speed grinder, circular handsaws, Shop Master band saw, 2 electric table saws.

ALUMINUM AND GLASS EQUIPMENT AND SUPPLIES — Double break aluminum and metal break, Fletcher glass cutter, wooden extension ladder, painter's scaffold, electric swing saw, Sears radial arm saw, new aluminum siding, many new aluminum storm doors, and storm windows in asst. sizes, new aluminum patio awnings, new aluminum and wrought iron railings, aluminum coil stock, many aluminum grill guards, many new aluminum channels and round and square aluminum pieces, many new pieces of asst. window glass, plex-a-glass, aluminum window and door hardware, new hydraulic door closers, electric etcher, aluminum spouting, wood clamps.

STATION WAGON AND PICKUP - 1969 Plymouth station wagon V8, auto., P.S., P.B., air conditioning, in good condition; 1963 Dodge 6 cyl., standard shift, ½ ton pickup truck.

OFFICE EQUIPMENT — Royal floor model combination safe, McCaskey adding machine-cash register combined, standard billing machine, 2 office desks, Underwood typewriter, 4 file cabinets.

ANTIQUES — Old wall time clock in oak cabinet, oak cabinet sewing machine, ball and claw piano stool, 2 old office swivel chairs, fernery, lanterns, old picture frames, piano rolls, electric coffee grinder, adz, antique stand, two-man saws.

Many other items too numerous to mention.

TERMS — Cash or acceptable check. No out-of-state checks accepted.
Not responsible in case of accidents.

Sale Ordered By:
E.S. Ketner

150 Columbia Street
Schuylkill Haven, Pa.
Auctioneer:
Robert A. Arner
Route 2 - Box 216
New Ringgold, Pa. 17960
Phone (717) 386-4586
Refreshments

Del. net farm income down

NEWARK, Del. — Figures are now out on Delaware's 1979 farm income. It probably won't surprise any farmers to learn that higher cash receipts on the farm were nearly canceled out by galloping production costs.

Cash receipts for 1979 reached an all-time high of nearly $358 million — 11.5 percent above the 1978 record — but actual gross income per farm rose by only 7.7 percent, reports Dr. Raymond C. Smith, head of the University of Delaware's department of agricultural economics.

This small increase in gross income was more than offset by a 12.7 percent rise in production costs. This resulted in a drop in net income per farm of more than 4 percent compared to the year before. Net income per farm in 1979 was $27,765 as compared to $28,957 in 1978.

Crops with substantial income changes in 1979 included: corn up 39.6 percent, soybeans up 18.7 percent, wheat up 99.6 percent, mushrooms up 13 percent, and nursery stock up 10 percent. On the other hand, income from snap beans dropped more than 43 percent and for limas was down 32.4 percent. Livestock with substantial income changes in 1979 included: broilers up 8 percent, dairy products up nearly 11.5 percent, cattle and calves up 38.7 percent, turkeys up 96.5 percent, and eggs up 9.5 percent. Broilers accounted for 55 percent of the cash farm income from all sources.

A breakdown of farm income by counties shows that Sussex county accounted for almost three-fourths of Delaware's 1979 farm income, while New Castle accounted for only 8.4 percent.

All the figures aren't in yet for 1980, but Smith says drought conditions last summer resulted in substantial reduction in both corn and soybean yields. Average yield per acre of corn in 1980 was only 72 bushels compared to 102 bushels the year before. Soybean yield was 20 bushels compared to a 1979 yield of 30. Projecting ahead from these figures, Smith says that - with farm production expenses undoubtedly higher in 1980 than in 1979 - we can expect Delaware's net farm income to show a substantial decrease for 1980.

Smith's analysis of the state farm income is prepared each year as a service of the University of Delaware's Agricultural Experiment Station. Those interested in obtaining the full report should call their county extension office in Newark (738-2506), Dover (736-4675), or Georgetown (856-5250) and ask for a copy of the Experiment Station pamphlet on "1979 Delaware Farm Income."

PUBLIC SALE

Val. Farm Machinery, 3 Tractors, Some Antiques & Collector's Items, Etc.

at Bunces Corn Stand, 415 N. Loyalsock Ave. Montoursville, Pa. (Lyc. Co.) 3/4 mile S. of US Rt. 220 beltway.

Mon. Mem. Day, May 25
1:30 PM.

IH 504 G Row Crop Tractor w/TA, 3 pth., 38" rubber, only 236 original hrs. w/IH 2001 hyd. front loader, a real clean outfit, offered 3 ways; JD 50 G. RC Tractor w/3 pth., live hyd. & PTO, Nice; Farmall Cub tractor, fully weighted, PTO, 1 row cultivator, 5' sickle mower, real nice; Attachment to fit Cub; IH 2 way 12" plows; IH 4½' front blade; Messinger 5 row duster; pto pully; etc. JD 3-14" 3 pt. plows; 9' disc; harrow; 125 gal. FG 22' sprayer; Zon LP Gas Scarecrow thunder gun; other items; National Brass Cash Register; Toledo computing scales; etc.

Owners
CLYDE & BEVERLY BUNCE

Auct.
Max Fraley & Son
546-6631

MACHINERY AT
PUBLIC SALE

SATURDAY, MAY 30
12:00 NOON

Located 1½ mi. east of Seven Stars, 6 mi. northwest of Liverpool, just off Rt. 235.

Ferguson 20 tractor; front end loader; PLEASE NOTE - TRACTOR & LOADER WILL BE OFFERED SEPERATE & THEN AS ONE UNIT; Ferguson pulley, selling seperate; Ferguson 2-12 plows; M.F. #62, 2-14 plows; Ferguson 6' Heavy Duty scraper blade; Ferguson 6 bar, 3 pt. rake; Ferguson 3 pt. cultivators; Ferguson 7' mower; N.H. 568 baler, no thrower; Superior, 10 hoe drill; Oliver, 4 wheel spreader on rubber; David Bradley wagon w/12' flat; 16' portable alum. elevator; 11-28 tractor chains.

The above items are in good cond., lot of other farm items not listed. Also selling at 10:00 A.M., Antiques & Butcher Equipment.

Owner
GEORGE A. STRAWSER

Long Bros., Aucts.
Ph. 527-4784

JOIN 4-H

AUCTION SALE
SALE BY ORDER OF OWNER
COMPLETE LIQUIDATION OF ASSETS

BUILDING MATERIAL
TRUCKS, FORK LIFTS, OFFICE TRAILER
WHOLESALE INVENTORY APPROX. $490,000.00

2 DAY SALE - 2 LOCATIONS
TUESDAY & WEDNESDAY
MAY 19 & 20, 1981 - 10 A.M.
On Premises
KEYSTONE INDUSTRIES
RT. 11 (6800 BLOCK)
NEW KINGSTOWN, PA.
(BETWEEN CARLISLE & HARRISBURG)
SHELLEY DRIVE (OFF RT. 340)
SMOKETOWN, PA.
(5 Mi. EAST OF LANCASTER, PA.)

CLEAN, SALEABLE INVENTORY, EQUIPMENT, MACHINERY & TRUCKS IN SUITABLE TRADE LOTS COMPRISING IN PART:

DOORS, WINDOWS, OVENS, BLDG MATERIAL

317 Asst. Pre-Hung Steel Insulated Entrance Door Units Various Styles, 2/8 to 3/6 x 6/8, Alum. Storm Doors, Sliding Patio Door Sets, 223 Metal & Mirror Bifold Door Sets, Andersen Wood Gliding Door Panels, 177 Asst. Andersen, Crestline, Wenco, Wood & Perma Shield Single, Double Hung & Casement Window Units, 291 Asst. Alum. Double Hung & Slider Window Units, Bronze, White & Mill Finish, Steel & Sliding Door Frames, Bow & Picture Windows (Glazed & Unglazed), 130 K.D. Bow & Picture Window Frames, 1900 Pr. Alcoa & Benson Shutters, Large Quan. Asst. Replacement Screens & Glass Storm Sash Inserts, Storm Windows, Quan. Insulated Glass, Tub & Shower Enclosures, Patio Screen Doors, Webb & Andersen Window Grills, Burton Colonial Pediments, Range Hoods, G.E. Range & Oven Units, Medicine Cabinets, Mirrors, Closet Shelves, Asst. Square & Round Columns 4" x 6' to 10 " x 18', 31,800 S.F. 4' x 8' x 1/4" & 3/16" Birch, Pine, Etc. Prefinished Paneling, Large Quan. Pease, Jimmy Walker, ODL, Visador & Ottawa Door Panels, Frames, Grills, Sidelights, Glass, Sills, Heads, Jambs, Brick Mldg. Etc. Used in the Mfg. of Door & Windows.

SIDING, ROOFING, NAILS, LOCKSETS, HDWE.

1066 Sq. Asst. Vinyl & Alum. Siding, 8" & Double 4", some insulated, White & Colors, 90,000 L.F. Asst. Siding Trim Comprising Inside Outside Post, Window & Door Trim, J-Channel, Drip Cap, Etc., 51,500 Lbs. Asst. Common, Finishing & Underlayment Nails, 1794 Schlage & Weslock Key & Knob Locksets, 583 Asst. Entrance, Passage & Privacy Locksets, Door Trim & Chimes, Exit Bolts, Door Closers, Butt Hinges, Window Cranks, Door & Window Latches, 50,100 S.F. Corrugated Onduline Asphalt Roofing Sheets, Prefinished & Granulated, White & Colors, 93,000 L.F. Galv. & White Alum. Roof Edging, 118,100 Pcs. 5" x 7' Galv. Step Flashing, 81 rolls 18" to 21" Flashing, Asst. Painted alum. K-Gutter, Fittings & Access., Fascia Cap & Soffit.

TRUCKS, FORK LIFTS, MOBILE HOME

1 - 1976 Ford LN-750 S.J. Truck w/22' Van Body, 1- 1979 Ford Pick-up Truck, 1- 12' x 48' Mobile Home (Converted to Office Trailer) 1 - Yale 5000# Cap. Propane Fork Lift Truck w/Sideshifter, 2-Yale & Towmotor 4000# Cap. Propane Fork Lift Trucks, 1 - Towmotor 4000# Cap. Gas Fork Lift Truck.

COMPRESSORS, TOOLS, PALLET SHELVING, ETC.

2 - Kellogg American 5 H.P. Air Compressors, 3 - Pyles & Alemite Air Caulking Machines, 2- DeWalt 10" Radial Arm Saws, Rockwell Motorized Miter Box, Pease Air Operated Door Router, Fletcher Glass Cutter, Asst. Rockwell & B & B Electric Jig Saws, Screwdrivers, Reversible Drills, D.E. Bench Grinders, Asst. Air Drills, Punches & Staplers, Tapco Port-O-Louvre Cutter, Asst. Hand Tools, Pliers, Wrenches, Hammers, Saws, Cutters, Drill Bits, Pumps & Generator, 196 Sections Steel Pallet Shelving, 8' to 16' High x 8' to 12' Wide x 3' to 4' Deep, 8 Sections Door & Window Racks 8' H x 8' W x 2-1/2' Deep. Pease 3' x 30' Power Production Belt Conveyor, 1975 Rapistan Roller Belt Conveyor, 54" x 110' on 11 Sections, Fairbanks Platform Scales, 1000# & 2000# Cap., Banding Machine & Access., Pallet Jacks, Asst. Portable Work Tables, Stock Trucks, Window, Hand & Barrel Trucks, Wood & Alum. Stock & Extension Ladders, Dock Plates, Shop Vacuums, Pedestal & Attic Fans, Simplex Time Clocks

PHONE & PAGING SYSTEM, OFFICE FURN.

Stromberg-Carlson 1A2 Key Telephone System W/12 Phones, 2 - "Page Kom" Model PKC-24-30 Music & Paging System Complete w/Bogen Flex-Pak Amplifier, AM/FM Stereo Unit & 12 Terry Phone Stations, 2 Deacon Benches w/Upholstered Seats, 3 Executive Wood Desks, 7 Asst. Leather Executive Chairs & Sofas, Wood & Metal D.P. Desks, Coffee Tables, Bookcases, Credenzas, Metal Storage & File Cabinets, 2 Dr. to 5 Dr., 2 Westinghouse Office Refrigerators, Air Conditioners, Water Coolers, Office & Typewriter Tables, Swivel Secretary Chairs, 7 Olivetti, Monroe & Sharp Electronic Printing Calculators, 3 Olivetti Lexikon 90 C Electric Typewriters, 2 - SCM 132 Copiers, 2 Pitney Bowes 5600 Postage Meter Machines, Scriptomatic 24 Addressing System, Checkwriters, Scales, Costumer, Wall Mirrors, Desk Lamps, Trays, Files.

N.B. - Sale Tues. Smoketown, PA, Wed. New Kingstown, PA.

CATALOGS AT SALE
CALL FOR ADDITIONAL INFORMATION

INSPECTON MON MAY 18th 9 A M to 4 P M
TERMS CASH OR CERTIFIED CHECK 25% DEPOSIT REQ

Wm. F. COMLY & SON INC
Auctioneers
1825 E BOSTON AVE PHILA PA (215) 634 2500

AUCTION SALE
of Farm Machinery, Contents of Small Hardware Store, Plumbing & Carpenter's Tools and Auto

SATURDAY, MAY 23
10 A.M.

Located 1½ miles south of Kemblesville, PA and 5 miles north of Newark, DE on Rt. 896.

Small articles sold first.

Ford tractor with good rubber, 3 ph roto mower, cultivators, grss seeder disc, and 2 wheel trailer, Farmall Cub tractor with front end blade, plow and cultivators, 816S Gravely tractor, JD 10 hp riding mower, Simplicity garden tractor with attachments, 1969 Chevy Nova auto, lots of tools of all kinds.

Terms: Cash or equivalent.

Owner,
CATHERINE DAVIS
w/additions

Auctioneers-
Harold S. Hill & Son
215-274-8525

PUBLIC AUCTION
SATURDAY, MAY 23, 1981
At 10:00 A.M.

Upper Mahanoy Township, Northumberland County, Pa.; 1½ miles Northeast of Boyer's Butcher Shop, KLINGERSTOWN, Pa.; 20 miles Southeast of Sunbury; 5 miles North of Gratz and Route 25.

64 ACRE FARM

8-Room Dwelling with Bath; Summerhouse; New Well.

This farm has approximately 50 ACRES TILLABLE, 5 Acres Wooded, balance Pasture with a small stream.

FOR INSPECTION CALL: (717) 425-3313

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 10:30 A.M.

PERSONAL PROPERTY including: New Lumber and miscellaneous Household Items.

GLEN W. SNYDER & SUSAN SNYDER
Owners

DEIBERT
George & Mike
Auctioneers & Realtor
(717) 425-3313

PUBLIC SALE
OF VALUABLE REAL ESTATE
SATURDAY, MAY 23, 1981
At 2 P.M.

Lovely 2½ story stone house located in Seitzland. (From Glen Rock take Rt. 616 south approx. ½ mile to the village of Seitzland. Watch for sale signs.)

House is over 100 years old Original slate roof. Four rooms on first floor, four rooms on second floor. Plastered attic, ground cellar, one and a half bathes, oil heat, private well. Other buildings consist of one car garage, wash house, small utility building This property is good investment for person interested in restoration, or could easily be converted into a two family dwelling.

Open for inspection from 10 AM to 2 PM day of sale or by special appointment

Terms: Cash or certified check or Cashiers Check 10% down day of sale Balance within 45 days

Owner
MRS. MABLE I. EHRHART
R.D. #1 New Freedom

Auctioneers:
Ralph Brenneman 741-1728
Nelson Ahrens 428-1234

Not responsible for accidents day of sale
Clip & Save

JUNIATA CO.
GUARDIAN SALE
OF REAL ESTATE AND ANTIQUES
SATURDAY, JUNE 20, 1981
Near Mifflintown.

TRACT 2 - 33 ac., dwelling, barn, stream, great potential for subdivision.

LOTS 1 & 2 - 5 ac. & 2 ac., sewage tested.

TRACT 3 - 29 ac., 20 tillable, dwelling, barn, stream.

ALSO Selling Early American, "untouched" antique furniture & collector's items.

For Info, contact.
TRUST DEPT.
First Nat. Bank
Mifflintown, Pa. 17059
Ph. 717-436-2144

HOLSTEIN HEIFER & STEER AUCTION
FRIDAY EVENING, MAY 29, 1981
6:30 P.M.

Located at R.D. #1, Blairs Mills, Huntingdon County; from rt. 75, turn off 1 mile south of Waterloo, 5 miles North of Doylesburg, turn left on Mountain Foot Spur Rd., 1st farm.

33 FANCY HOLSTEIN HEIFERS
2 REGISTERED

1 Sired by Triple Threat, bred to Gemini out of a 17,000 lb. dam; 1 sired by Paclamar Astro Top Command. Balance sired by A.I. Bulls.

4 Short-bred; Balance open; from yearlings to 20 mo. old - well-grown!

5 Holstein Heifers - 6 mo. old.
"Ideal for Embryo Transplant Work!"

1 RED & WHITE Service Age Bull.

REGISTERED BULL - 16 mo. old Sired by Ropies Chief Buff.

BRANGUS BULL - 2 Yrs. old.

3 HOLSTEIN STEERS - 900 to 1000 lb. (Dry fed all winter).

1 Angus Heifer.

Also selling: 385 Gal. self-contained Esco Bulk Tank.

"Health Charts on all Breeding Stock"

RONALD L. MOORE, Owner
Blairs Mills, Pa.
717-349-7100
Sale By: Kling's Auction Service
Landisburg, Pa.
Lunch stand

2-DAY AUCTION
FOR PRODUCERS PRIDE ASSOC., INC.

At 1741 Valley Forge Rd., (Rt. 363) Worcester Twp., Montgomery Co. Worcester (Center Point), PA.
(18 mi. NW of Phila., 5 mi. SW of Lansdale on Rt. 363, ¼ mi. SW of Rt. 73)

WEDNESDAY, MAY 27, 1981
10:00 A.M.
10 A.M. Real Estate
11 A.M. Office Equipment
THURSDAY, MAY 28, 1981
11:00 A.M.
Egg Processing, Warehouse & Garage Equipment, Trucks, Cars & Tractor

REAL ESTATE & EQUIPMENT INSPECTION - Wed., May 20th, 12-2 P.M. or by appt & Wed., May 27th, 8:00 A.M. to 3:00 P.M.

REAL ESTATE - 7.3 Acres w/Comm. brick office & warehouse bldg w/48,543 sq. ft. TERMS — 10% down day of sale in cash or acceptable check; settlement w/in 90 days.

OFFICE EQUIPMENT - Sperry Univac BC/7 Business Computer, safes, file cabinets, calculators, desks, tables, chairs, cash register

EGG PROCESSING & PLANT EQUIPMENT — Staalkat Electro Compacta, 2-FMC Mod. 463 Egg Handling Systems, conveyors, pallet trucks, air compressors, welder, garage & maintenance tools, 1977 Int. 1750 Diesel w/16' insulated body, 1969 Int 1600 12' body, 1965 Ford closed body, 1970 Ford Econline, 1955 Jeep Truck w/snow plow, 1978 Plymouth Volare, 1977 Ford LTD II, 7 truck trailers for storage, Int. Cub Lo-Boy Tractor & Mower.

TERMS — Cash or check w/bank letter guaranteeing payment.

Call or write for Detailed Brochure!

SANFORD A. ALDERFER, INC.
Real Estate Brokers And Auctioneers
Harleysville, PA - 723-1171

Sale Reports

A public sale of gas engines and antiques was held May 9 for Kenneth S. and Helen R. Stambaugh, R3, Spring Grove.

Prices received were: N.H. 2 hp. gas engine $1000, Witte 2 hp. gas engine $225, Associate 1½ hp. gas engine $325, Fairbanks gas engines $250 & $190 and oak ice box $300.

C.C. Miller & Sons were the auctioneers.

A Public Auction of antiques and antique tools was held May 9 by Elmer H. Buckwalter, east of Lancaster on Greenfield Road. There were over 1000 items sold.

Prices included the following: drop-leaf table $275, jelly cupboards $235 & $215, blue decorated butter crock $220, refrigerator $215, beveled siding gauge $205, decoys $60 to $115, Deitz oil lamp $77.50, bracket oil lamp $62.50, Shirley Temple creamers $50 each, McCoy cookie jar $34, love seat $180, hanging lamp $125, H.E. Harsh coffee tin from Bareville $100 and Rohrer's milk carrier & bottles $62.50.

Auctioneers were Ira Stoltzfus & Son and Jay Leary.

xxx

A two-day public auction of wood working machinery and guns was held May 8 and May 9 for the estate of Ellwood G. Brumbach. There were 219 registered buyers on Friday evening and 136 on Saturday.

Some prices were: large York safe $600, arrow back chairs $120 each, 22 rifle Hopkins & Allen $100, Stevens $90, German 22 rifle $135, 1947 Chev. 3/4 ton truck $400, 1950 Dodge car $200, Pony #1 24" planer $500, mortising machine $300, and Ross jointer $200.

John D. & George D. Frey were the auctioneers.

xxx

A public sale of machinery was held May 7 by Mrs. Harold H. Moyer on the south side of Port Royal. There was a good turnout for the sale.

Some prices were: Ferguson 35 tractor w/Kelly loader $2100, Ford 641 tractor $1800, 1972 Int. Loadstar truck w/cattle rack $2600, N.H. #450 mower $725, and 2 flatbed wagons $250 & $275.

Long Bros. were the auctioneers.

xxx

A public sale of steam engines and tools was held May 9 for the William C. Brosius Estate, 1 mile east of Mandata.

The 23 acre property was sold for $26,000 and included a mobile home and out-buildings.

Other prices received were: Int. truck w/well drill type 42 Sander-Cyclone $1550, Farmall H tractor $400, steam engine $1300, South Bend metal lathe $1300, Craftsman wood lathe $30, band saw $200, jig saw $55, Sheldon shaper $750, Delta drill press $260, Miller welder $185, power hacksaw $125 and stand grinder $30.

Dockey & Dockey were the auctioneers.

xxx

A public sale of household goods and cars was held May 9 for the Lida M. Brown Estate, 12 miles south of Red Lion, York Co.

Some items sold were: Farmall A tractor $1050, '66 Convertible Impala $250, '64 Chevy hardtop (for parts) $125, square oak table $235, painted Hoosier kitchen cabinet $85, Frigidaire refrigerator $250, Magic Chef gas stove $75 and antique dishes & crock $25 to $75 each.

Robert L. Sechrl was the auctioneer.

MEMORIAL WEEKEND

LARGE 2 DAY PUBLIC AUCTION

ANTIQUES, COLLECTIBLES, FARM EQUIPMENT, ETC.

SATURDAY, MAY 23 & MONDAY, MAY 25, 1981

North Lebanon Township,
Lebanon County, Penna.

At traffic light on Route 422, between Lebanon and Myerstown, go North on Prescott Drive to Strack Drive, go East to Ruth Drive, then North to sale site. (Watch for sale signs).

South Bend green and ivory kitchen stove, wood chest, saddlers bench, old couch, with back, 6 plank bottom lyre back and other assorted chairs, high dry sink, oak sideboard, 5 leg ext. table (2), wooden ice box, towel rack, solid end cupboard, 2 Philco console radios, flat top desk, Larkin slant front desk, 3 piece Kroehler living room suite, corner cupboard, Dutch cupboard with rattail hinges, small walnut dropleaf table, Depression dining room suite, wood burner stove, Kenmore dryer, Sears chest freezer, Philco refrigerator, RCA TV set, 3 china closets, 3 enclosed bookcases, G.E. chest freezer, spool-type child's crib, 5 blanket chests, cane seat rocker and piano chair, clothes trees, rope beds, 4 pressed back chairs, 2 oak bedroom sets, other assorted oak bedroom furniture, Victor victrola, unusual high chair, Kenmore electric sewing machine, pressed back child's rocker, Edison Victrola, quilt frames, music cabinet, etc.

Collection of approximately 200 pieces of Penna. pottery, Cowden, Cowden-Wilcox, Bell, Jones, Dipple, Ziegler, etc.

Thousands of pieces of Depression glass in all Mayor patterns, Lots of juice/reamers.

Nice collection of Festoon Pattern glass, Blue bulls-eye and fan pitcher and 7 tumblers, Carnival glass in various patterns, Heart and Feather pitcher and tumbler set, Decorated camphor set, Duck and Hens on nests, bottle and metal banks.

Four wheat sheaf and three Hunter and Fisher flasks, lots of bottles — Lebanon Brewery, soda and milk bottles, unusual Mason and other fruit jars, milkwhite soda bottle, assorted pressed glass — compotes, cake stands, etc.

Twelve place china set (Royal Austria). and other old china in various patterns.

Several shelf clocks, 1 with china case, assorted old quilts, bedding, and old clothing. Set of dolls in "Different Countries" dress.

Egli, Lebanon County History, Dauphin County 100 Years Progress and other old books. Lebanon postcards, etc.

John shell 50 cal. #64 with inlaid curly maple stock, N. Ashmore Percussion loader, double barrel muzzle loader shotgun, Davenport single barrel, 2 broad axes, flat irons and trivets, 2 kerosene hanging lamps, bracket and other lights, iron kettles, tin dough raiser, candle mold and other old tin and agate, 3 coffee grinders, 5-inch hand bell, double butter print, old sausage stuffer, assorted fire company ribbons and medals, Avon bottles, cream separator.

1973 Plymouth Sedan, 1972 Chevy ½ ton Pickup Truck, 1936 Chevy Pickup Truck (restorable), 1962 Ford flatbed dump, Forney welder.

A.C.G. 7 Dozer, 2 A.C.W.C. tractors, Graham chisel plow, New Holland #68 baler, 990 Int. Haybine, Int. Side rake, small manure spreader, J.D. 17 F.B.A. drill, wagon with flat, 6 foot rotary mower, Dearborn sickle-bar mower for 3-point hitch, 2 old fanning mills, 2 large old chests, grain cradles, kerosene stove and heater, air compressor, old parlor heater, blacksmith anvil, forge, and tongs, 2 butcher kettles, bucksaws, odd lots of lumber and scrap iron, 5 and 6 foot posts. Enterprise #42 meat grinder with pulley, 40' Aluminum ext. ladder, Fert. side dressing attachment for B-A-C., nice collection of food choppers, and lots more.

Sale time both days 8:30, Guns, cars and farm machinery on Saturday at approximately 1:30, furniture will be sold on Monday.

NOTE: Many of these items in quantity so we plan to mix the merchandise both days.

PREVIEW DATES ARE WEDNESDAY, MAY 20 AND THURSDAY, MAY 21, 1981 ONLY.

Personal checks will be acceptable only if credit has been established with our firm, or if we have received a bank authorization guaranteeing personal checks. We reserve the right to hold merchandise purchased by personal check until the check has cleared the bank, if we deem such action necessary to protect our interest. No out-of-state checks accepted.

Conditions by

FRANKLIN C. STRACK

Auctioneers: Weik and Buffenmyer
Clerks: Brandt, Hoover, Ogurcak

PUBLIC SALE

Located 7 miles south of Carlisle, PA on Route 11, or 3½ miles north off I-81 at Newville Interchange on Route 11; then 2 miles east on Stone House Road...

Friday Eve., May 22, 1981
at 7:00 P.M.

100 Head of Feeder Cattle 100

Consisting of beef type steers and heifers including Charolais, Hereford, Angus, Limousine and Black White Face.

Cattle are all home raised with good quality, all dehorned, weighing approx. 300 to 700 lbs.

25 Holstein heifers, open and bred, approx. 300 to 700 lbs.

Some machinery to be sold on consignment and will be selling first.

TERMS: Cash - Not Responsible For Accidents.

LEWIS R. FINK
269 Stone House Road
Carlisle, Pa. 17013
Telephone: (717) 249-3224

AUCTIONEER:
Robert C. Mullendore
CLERK: C.L. Metz

— CATTLE SALE HELD UNDER COVER —
— LUNCH AVAILABLE —

PUBLIC SALE

SATURDAY, MAY 23, 1981
9:30 A.M.

Located off Route 34 at Dromgold's Corner, Perry Co., take Pisgah State Road, go two miles, turn right on Pisgah Road, go 1 mile. Or from Route 74, take Pisgah Road at Oak Grove School, go approx. 5 miles (Watch for Sale Signs)

HOUSEHOLD GOODS

Sears Best Washer & Dryer, Avocado (Good shape); Heavy Pine Kitchen Table & 2 Benches; Maple Hutch with Glass Doors; Swivel Rocker; Coffee Table; Motorola #350 Stereo with Tape Player (like new); Modern Bedroom Suit (Good); 2 Colonial Style Living Room Suites (very good); 5 (well built) Picnic Tables (8'); Metal Wardrobe; Games & Toys; Dishes, Pots & Pans; Gas & Coal Comb. Stove; RCA Color T.V.; Magnavox Color Console TV; Dinette Set with 6 Chairs; 2 2-drawer Locking File Cab.; Record Cabinet; Book Case; Recliner Rocker; Several End Tables; Lamps of All Descriptions; Small Reproduction Dry Sink; Fireplace Tools; Folding Cot; 2 Bar Stools & Bar Supplies; Wall Decoration & Pictures.

ANTIQUES - GUNS - CAMERA - TRUCK

30-30 Winchester #94 Rifle; 22 Winchester 320 Bolt-Action Rifle; Coll. of Avon Car Bottles; Adding Mach.; Portable Typewriter; '61 Jeep 3/4 T. 4-Wheel Drive with Snow Plow; Coolers, Coleman Stove; 20 Gal. Ithica Pump Gun; 8mm Movie Camera; Screen, Slide Projector; Milk Can; Coal Bucket; 5 Gal. Crock; Lanterns; Railroad Lanterns; Picnic Supplies.

LAWN TRACTORS — TOOLS
BUILDING SUPPLIES

8 hp Ford Tractor with Mower; Pennsylvania 10 hp Tractor with Mower deck; Snow Blade for Pa Tractor; Sears Rotary Mower; Lawn Broom; Farm Wagon (needs some work); Scotts Lawn Spreader; Pull-type Lawn Roller; 2 Chain Saws; Anvil; Log Chains; Heavy-duty Stepladder; Hand Tools of all Desc ; Garden Tools; Buckets of Nails & Bolts; Plastic Pipe; Asbestos Board; Snow Blade for Ford; 2-wheel Dump cart; Pull-type Fert. spreader; York Stone Rake for Garden Tractor; 300 Gal. gas tank & Pump; new Contractors Wheelbarrow; Elec. Weed Eater; 20' Wooden Ext Ladder; Shallow Well Pump; Elec. Edger Elec. Supplies (lots of them); Alum. Doors & Screens; 2 Barrels of Coal; Scrap

Many Misc. Items Too Numerous to mention!

I.D. Required for Bidding No.
Not Responsible for Accidents
Lunch Stand

GLENN SHUTT, Owner
R.D. 1 Shermansdale, Pa.
582-4258

Sale by Kling's Auction Service
Landisburg, Pa.

PUBLIC SALE

The undersigned will offer at public sale the personal property and farm real estate of the late ETHEL MAE LOVE, deceased (known as the ROY C. LOVE FARM), located in Delaware Township, Northumberland County, PA, situated north of Pennsylvania Route 54 at Sedan, on Crawford Drive.

SATURDAY, MAY 23
STARTING AT 11:00 A.M.

Real Estate consists of 105 acres of land, more or less, with 7 room farm house and concrete block barn shed thereon erected, particularly described in the deed recorded in Northumberland County, PA in Deed Book 236, Page 132, (less outconveyances recorded in Deed Book 324, Page 36, and Deed Book 386, Page 104) will be offered for sale at 12:00 o'clock noon. Sale will be made subject to restrictions against land fills, junk yards, and trailer parks, and to the right of persons farming the land to harvest growing crops.

TERMS OF SALE: Personal property - Cash.

Real Estate - 10% of the successful bid to be paid on day of sale. Balance within 30 days after sale. Other terms made known on day of sale.

To see the real estate call George A. Love, 717-538-1565.

GEORGE A. LOVE,
Executor,
Watsontown R.D., PA
717-538-1565

M. LUTHER HARTER, JR., Attorney
42 Main Street,
Watsontown, PA
717-538-9222

GEORGE H. DEITRICK, Auctioneer,
New Columbia, R.D., PA
717-568-5454

PUBLIC SALE

OF FARM EQUIPMENT

Our Thirty-Sixth Anniversary Sale at our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just east off Rte. 81 at Marion Exit, Rte. 914 on

THURSDAY & FRIDAY MAY 28 - 29
9:00 A.M. Each Day

SELLING THURSDAY MAY 28 - TRACTORS - TRUCKS - IND. EQUIPT. - LAWN & GARDEN EQUIPT. - TOOLS - ETC.

Tractors including John Deere, International, Fords, Massey Ferguson, David Brown, Oliver, A.C. and others, some with equipt., Ind. equipt. expected, Trucks, New Tools, posts, usual run of Misc. items, etc.

SELLING FRIDAY MAY 29 - BALERS - HAYBINES — COMBINES - PICKERS - FARM EQUIPMENT

Hay machinery inc. Balers, Haybines, Rakes, Mower, Conditioners, Sprayers, Elevators, Hay and Forage Wagons, Combines, Pickers, Harvesters, Flail Choppers, Spreaders, Planters, Drills, Plows, Disc Harrows, packers, new and used Rotary Mowers; Post Diggers Blades, Grinder Mixer, Chisel Plows, Posts, Hardware, Tires, etc.

FARMERS & DEALERS - Bring in your equipt. for this two day sale. Next sale Thursday, June 25, "One Day Only" No equipt. with liens accepted unless we are notified. Open 8 A.M. to 5 P.M. except Tuesday and Wednesday before sale until 7:30 P.M.

Terms: Cash Lunch at Sale Closed Sundays

RALPH W. HORST, Manager
Marion, Pa. 17235
Phone: 717-375-2824

Rentzel, Wolgemuth, Anderson, Upperman, Martin, Speicher, Gossert, Auctioneers
Harshman, Eberly, Rentzel, Stull, Gossert, Clerks

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

MAY

SAT. MAY 16 - Royal Charolais Annual Bull Sale and Royal Female Sale Location at the farm, Greensburg, PA Managed By Buzz Garey, Garey Cattle Sales, Inc. 100 Walnut Lane, Morrisville, PA 19067

SAT MAY 16 - 9 30 A M Goodville Community Fire Co Sale Held at the Goodville Fire House, Local Auctioneers

SAT MAY 16 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M. Lehman, owner

SAT MAY 16 - Juniata Co. acreage at Public Sale, Located 16 miles southwest of Mifflintown, PA, Long Bros Auctioneers

SAT MAY 16 - 9 00 A M. Public Sale of Antiques, Collectibles, Household Goods, Located at 12th and Line St., Sunbury, PA near Hospital Hazel and Paules Gibson Owners Dockey & Dockey Auctioneers

SAT MAY 16 - 2 00 P.M Sale of Real Estate Noble Rd between Nine Points and Christiana, PA 2 miles west of Christiana, Sadsbury Twp Lancaster Co, PA Sale by Hamilton Bank, guardian of Wm Wood Kersey Bradley Auctioneer

SAT MAY 16 - 12 Noon York Sheep Field Day and Sale Market Lambs, Ewes, Rams and Fleeces, Held at the York 4 H Center in Bair, PA Blaine Rentzel Auctioneer

SAT MAY 16 - 10 00 A.M Mastersonville Fire Co Third Annual Spring Sale Held at the fire hall in Village of Mastersonville, Rd 4, Manheim, PA

SAT MAY 16 - 9 A M York Co Sheep Field Day and Lamb Sale At the York Co 4H Center, Bair Station, PA Blaine Rentzel, Auctioneer

SAT MAY 16 - 11 00 A M Public Sale of Real Estate Located in West Hanover Twp Northwest of Mt Laurel Church on Piketown Rd, Harrisburg, PA Richard P McNeal Auctioneer

SAT MAY 16 - 11 00 A M Public Sale of Several Local Estates at Harry Rudnick & Sons, Sales Barn Rt 213, Galena, MD Joe Rudnick Auctioneer

SAT MAY 16 - 10 30 A M Auction of Farm, Dairy and Misc Equipment Located at the Lewis Morgan farm on Rt 89 Interlaken, NY, 20 miles south of Rt 520 junction approx 25 miles north of Ithaca, NY Lewis Morgan and Neighbors, Owners C M Arey, Auctioneer

USDA asks comment on tick

NEW YORK, N.Y. — The public has until June 29 to comment on a U.S. Department of Agriculture proposal to use an organophosphate insecticide sold under the trade name Prolate as a dip for treating livestock infested with ticks.

John Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said the Federal Insecticide, Fungicide and Rodenticide Act requires pesticides be registered for approved uses. It also requires that trials be conducted to determine their effectiveness without injury to the animals.

Atwell said USDA is proposing Prolate be registered by the Environmental Protection Agency as a dip at concentrations of 0.15 to 0.25 percent.

Written comments may be submitted through June 29 to the deputy administrator for veterinary science, APHIS, U.S. Department of Agriculture, 6505 Belcrest Rd., Hyattsville, Md. 20782. Notice of this proposal was scheduled to be published in the April 28 Federal Register.

YEARLY SPRING HEIFER SALE

FRIDAY, MAY 29, 1981
10:30 A.M. at
SHADY LANE DAIRY SALES INC.
1/4 mile west of Quarryville, Pa. off Rt. 372 on Oak Bottom, Rd.

350 Head of Reg. and Grade Holstein Heifers
Open, Bred, Springing and Fresh Heifers.
Direct from the local farms in Lancaster Co.
All Heifers must meet Federal and state health requirements. Many calfhood vaccinated. All Bred heifers pregnancy checked by Vet.
We Still need heifers, but they must be from established state recognized herds, with clean health status. No shipped or commercial heifers accepted.

Shady Lane Dairy Sales, Inc.
R.D. 4
Quarryville, Pa. 17566
OWNERS
Glenn D. Fite 717-786-2750
David L. Fite 717-786-1725

PUBLIC SALE

of Antiques, Blacksmith Tools & Wagons
SATURDAY, MAY 23
@ 9:30 A.M.
Located along Rte. 23 at east end of Churchtown. Caernarvon Twp., Lanc. Co., Pa.

3 old gas engines, 2 drill presses - 1 Champion No. 203, 2 tire benders - 1 very old, cast iron acorn hitching post, brass hoof trimmer gauge, brass traveler wheel, swedge block, tin smith tools, shears, crimpers, 4 brakes, 3 tin anvils, lot of roofing tools for standing seam, blacksmith anvil & tools, prongs, hardeys, 6 vises, goose wing axe, broad axes, post hole axes, other axes, all kinds of chisels, corner chisels, wooden & steel planes, small & large hammers, wooden pulleys, buck saw, other saws, 3 wood borning machines, old hand pumps, wine press, lard press, steam whistles, engine oilers, sleigh bells, 2 pony saddles, all kinds of weights, horse ties, old express wagon, small wagon, forks, shovels, garden tools, straw & hay knives, 3 copper kettles, iron kettles, butter churns, Maytag wringer washer, toy wagon seats, good old carpet, jars, large & small crocks, jugs, pots, pans, dishes, cherry seeders, tobacco sizing boxes, clippers, spears, large wagon seat, hand augers, saddlers bench, shoe irons, wagon jacks, horse head hitching post, log chains, hay hooks, hammer handles, coal buckets, ice prongs, small corn sheller, old dinner bell, spoke cutters, cones, leather splitter, old hinges, old buggy lights, slate tools, wagon wrenches, wagon wheels, spring wagon, one horse wagon, buggys & carriages, sleighs, one horse shovel harrow, cast iron seats, cast iron horses & wagons, old Dutch cupboard, old chairs, 6 leg & 4 leg cherry tables both need tops, camel back zinc covered trunk, wooden barrels, brass powder flask, copper & brass kettles, copper cigar sprayer, copper canteen, brass hammer, flour mill stencils, coppersmith hammer, tin desk lamp, oak basket, mill stone cover, mill pulleys, Dietz post lamp, lantern globes, hog scrapers, candlestick w/brass, old tinware, 7'x9" fireplace mantel & many more items not mentioned.

Terms By,
NOAH H. MARTIN
Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183
LUNCH AVAILABLE

CONSTRUCTION EQUIPMENT AUCTION

SATURDAY, MAY 23
10:00 A.M.
Beech St., Montrose, Pa., Susquehanna Co. Montrose take exit 67 off Interstate 81.

MACHINERY

Cat 955K loader, very good condition; JD 500C backhoe & loader; Ford Major backhoe & loader; JD 450B loader w/winch, 1666 hrs.; JD 450B cab, new; Galion 118 grader; Northwest 25 track crane w/backhoe & 80' boom to sell separate; Huber 10 ton roller; 2 40' box trailers; Brockway tractor; IH 190 tandem dump truck; Miller Tag-master T301 equipment trailer; 8'x30' office trailer; Travel Master camper, 19'; Chevy 1 ton dump; Jagger 315 compressor w/diesel engine, Leroy compressor w/gas engine, both on wheels; steam cleaner, 2 Homelite 4" pumps; power plant & welder combination cutting torches; air hoe; 21 ton tag-along w/tandem axle; 28' concrete elevator; 24' block elevator; Jack hammer; Rock drill & rods; ¾ yd. concrete bucket about new; hoist & platform elevator for steel scaffolding; bridge scaffolding; 160' steel curb forms, 18" w/angle plates; concrete funnel & treamies, power trowel, torpedo heaters safe brass ¼" gate valves; 4" belt glass grinder; GMC supply bus; Myers snowplow for IH Scout; gas powered tamper; portable fuel tank & pump; steel I beams; sickle bar mower for cub cadet; 2 electric vibrators; 2" gas water pumps.

Terms - Cash or check with Bank letter of credit.

Owners
R.T. GRIFFIS & SONS, INC.
Auctioneers:
Jim Adriance & Sons &
Harvey Clary
Montrose, Pa.
717-278-1574

COMPLETE DISPERSAL

OF EDGAR & LEIF ANDRESEN, AFTON, N.Y.
TUESDAY, MAY 19, 1981
12 o'clock noon
Sale to be held on the farm located midway between Deposit & Afton on Melondy Hill Rd. 40 miles East of Binghamton. Use Afton exit off Interstate 88. Take Back River Rd. from Afton towards Bainbridge 2 mi. turn right on Melondy Hill Rd. Go 4½ mi. to farm. Auction arrows from Afton & Deposit.

88 Head Registered Holsteins - 55 mature cows on test with a rolling herd average of 14,823M 3.7% 543F

15 heifers bred for Fall, 5 open heifers, 13 short yearlings.

35 years of Eastern artificial breeding. Cows selling with records to 22,000M

10 head selling with records from 17,000 - 21,000M

17 head selling with records from 14,000 - 16,000M

Many with 4% test or better. Majority are first, second & third calf. This is a mostly fall freshening herd with 6 due July & Aug., 6 due Sept., 14 due Oct., and 10 due Nov. with size & condition. The Andresen Bros. are retiring. Leif & Edgar are excellent caretakers & inspection of this completely home raised herd is invited. All cattle will be vacc. against shipping fever. TB & blood tested for immediate interstate shipment. Eastern sires represented are — Clan - 8, Cockney - 7, Challenge - 6, Chap - 5, Kilian - 4, Davis - 4, Ted - 3. Heifer sires include — Kirk, Strephon, Ted, Neil, Exclusive, Elate & Lewie.

Catalogs at Ringside or mailed upon request.
Sale under tent
Owners
EDGAR & LEIF ANDRESEN
Afton, N.Y.
607-467-3146
Sales managers & Auctioneers - Burton Livestock Exchange Inc.
Vernon, N.Y. 315-829-3105
Auctioneer - Dale Chambers
Pedigrees - Richard Keene

Seif and Danoff, Solictors
Gerald Danoff, Solictor

BANKRUPTCY SALE

VALUABLE FARM MACHINERY, DAIRY EQUIPMENT, HAY, SILAGE, GROWING GRAIN CROPS
WEDNESDAY, MAY 27, 1981
at 10:00 a.m.
LOCATION: On the farm located in the corner of Warner Rd. and Mathews Rd., 3 miles south of State Route 194 in Ladiesburg between Woodsboro and Keymar, Frederick County, MD.

NOTICE: Pursuant to notice in the matter of Donald L. Matthews and Harriette L. Matthews, Case #80-2-0367L in the United States Bankruptcy Court for the District of Maryland, Gerald Danoff, Trustee intend to offer for sale at public auction at the date, time, and place specified above to the highest bidder or bidders, as is, where is, the following described property.

FARM MACHINERY

6 FARM TRACTORS: IHC Model 1026 diesel tractor w/F.H. hydrostatic drive & enclosed cab, SN 007899; IHC Model 706 diesel Farmall F.H. tractor, SN 4584; IHC Model 656 Farmall F.H. diesel tractor w/hydrostatic drive, SN 33730; IHC Model 454 Utility type 3 pt. gas tractor, SN 415809; IHC Model 127 Cub Cadet gas hydrostatic lawn tractor, SN 354436; N.H. Model L 445 gas skid loader w/manure fork & bucket, SN 415809;

GROUND TOOLS: IHC Model 700 semi-mounted F.H. 5x16 auto. reset plows; IHC Vitro shank F.H. cultivator, SN 1111; IHC 4 row F.H. corn cultivator; MILLER HEAVY DUTY DISC HARROW, SN 4070; Brillion roller harrow; IHC F.H. sub-soiler; Danuser 3 pt. post hole digger, SN 017176;

PLANTING & HARVESTING MACHINES: IHC Model 225 SP gas haybine, SN 61215; IHC Model 10 16 x 7 grain drill; N.H. MODEL 850 ROUND BALER, SN 372102; 3 pt. round bale carrier; front mount round bale carrier; N.H. Model 270 baler w/kicker, SN 91979; N.H. Model 256 hay rake, SN 17967A; N.H. Model 27 PTO silage blower, SN 140019; N.H Model 28 PTO silage blower, SN 8795; N.H. Model 890 silage harvester base unit, SN 203882; N.H. Model 880N3 3 row corn head, SN 309351; N.H. Model 880R2 2 row corn head, SN 161841; N.H. Model 880W pick-up head, SN 133249; (2) N.H. flail manure spreaders; HESSTON MODEL 1400 LIQUID MANURE TANK SPREADER; IHC Model 2000 manure loader; (4) Badger 2 & 3 beater silage wagons, SN 7040, 5008, 30454, 1906; Ferguson Model 31 3 pt. mower, SN 002636; 3 pt. PTO liquid manure pit agitator; Grove hay wagon; Long 3 pt. 5 ft. rotary mower; Model 720 3 pt. cement mixer, SN 073; Century 300 gal. field sprayer;

MISCELLANEOUS TOOLS: Ritchie cattle waterer; (6) portable calf stalls; iron hay rack; 275 gal. tank; shop vacuum; (5) antique oil cans; bench grinder; log chains; tractor chains; power weed eater; tractor grass seeder; IHC front tractor weights; 1967 IHC 2 ton truck (rough); misc. hand tools;

1978 CHEV. 4 x 4 PICKUP TRUCK, 31,000 MI., SN CKL248F311199 (NOT INSPECTED)

DAIRY EQUIPMENT

Mueller S/S 1500 gal. round milk tank, SN 40368, with Dunham-Bush 5 ton compressor, SN 72D-1102-5, and auto. washer; (6) DeLaval Model 200 milker units with 85 lb. weight jar, S/S wash tank, auto. washers, feed boxes and meters; DeLaval #76 vacuum milker pump & motor; Bou-Matic vacuum milker pump & motor; Wood Bros. air compressor; Therm-Stor 170 gal. elec. water heater, SN 11034; Big Dutchman feed storage tank & auger; 60 ft. Badger auger feeder.

SILAGE, HAY, GROWING GRAIN

Approx. 3,000 bales of hay; approx. 100 round bales of hay; 18'x50' silo w/approx. 36 ft. of silage; 20' x 60' silo w/approx. 56 ft. of silage; 30 - 35 acres of growing small grain.

SALE ORDER: Small tools, planting & harvesting equipment, tractors, ground tools, feed, grain, dairy equipment.

TERMS: COMPLETE PAYMENT SALE DAY. Payment for all items must be made in full on sale day with Cash, Cashiers Check, Travelers Checks, or Money Order. Personal or company checks will be accepted when accompanied by Valid Bank Letter of Guaranteed Payment. Trustee reserves the right to withdraw any of the items listed above at any time up to and including sale day.

EVERYTHING SELLS TO THE HIGHEST BIDDER REGARDLESS OF PRICE
AS-IS, WHERE-IS

Trustee
GERALD DANOFF
Trout Auctioneers, Inc.
15 North Court Street/Frederick Maryland
301/663 1555

MARYLAND NATIONAL ANGUS SALE
FRIDAY, MAY 22, 1981
6:30 P.M.

Frederick Fairgrounds, Frederick, Maryland
SELLING: OVER 100 HEAD OF REGISTERED ANGUS CATTLE

12 Performance Bulls, Serviceable Age Direct from the Official Maryland Test Station
66 Females many with calves at side
EXCEPTIONAL SIZE AND FRAME!
These cattle represent the best from thirty of the leading herds across Maryland and surrounding states Each animal has been individually inspected Exceptional quality and cattle with size will prevail!

Sponsored by:
MARYLAND ANGUS ASSOCIATION
Sale Chairman: Dr. Lee E. Miller
9327 A Gravel Hill Road, Woodsboro, MD 21798
Phone 301/898-7274 or 301/898-5691

PUBLIC SALE

Household Goods — Gas Engines
Gun & Coin Collection
Pocket Watches & Other Antiques
SATURDAY MAY 30, 1981
10:00 a.m.

Located in Lancaster County at 554 Gibbons Road, Bird-in-Hand, PA 7 miles East of Lancaster, 1 mile North of Bird-in-Hand. Take Rt. 340 to Beechdale Road at Railroad Underpass, turn right 2nd road.

HOUSEHOLD GOODS

Oak 14 ft. extension table; Oak extension table with 5 boards; Oak dresser; Combine; Antique beds; Plank bottom chairs; 4 mantle clocks; Wooden butter bowls; Drop leaf table; Flour chest; 2 arm chairs; Swivel Chair; Sofa; Quilts; Small drop leaf table; Old 8 day clock; China closet; Treadle sewing machine; Aladdin lamp with glass base; Miscellaneous dishes &

ANTIQUES

Annals of Conestoga Valley; Tulpenhacker Settlement, Womelsdorf, Pa.; Almanacs from 1804 to 1897 in book form; Conestoga wagon jack (dated); Milk cans; Ads; Broad axe; Hames with brass Knobs; Butter print; Wagon wrenches; 2 steam whistles; Steam oil can; New Holland wagon box seat & tool box; Cast iron banks; Sleigh bells; Dinner bell; Wagon seat; Horse saddle; Pony saddle; Copper kettle; 2 brass buckets; Copper wash boiler; sausage stuffer; Bologna slicer with air motor; Lawn spreader; Lawn mowers; Old store scales; Cradle;

GUNS

GUN COLLECTION: Parker 10 ga. double barrel; Ansley Fox 12 ga. double barrel; Sterlingworth Fox 12 ga. double barrel; Winchester Model 12 - 12 & 16 ga.; Savage 410 double; Savage 12 ga. double, like new; Remington 1100 12 ga. 3" magnum w/ventilated rib, semi-automatic, like new; Savage 20 ga over 222 with scope; Remington Model 11 - 12 ga. semi-automatic; Remington 760 - 30-06 pump with 3 x 9 power scope, like new; Pre war Model 760 - 30-06 pump; 2 Remington bolt action 30-06 with 4 power scopes; Remington Model 33 - 22 long rifle; Double barrel muzzle loader; Fishing rods & reels & equipment.

POCKET WATCHES

Waltman; Elgin; Equity; Shefield, Hamilton; Abaret; Admiral; Knickerbocker; Wellington; Regulator; Hampden; Some silver plated, 14 K Gold, 10 K Gold plated, 14 K Gold filled, Nickel plated — **GUNS & WATCHES TO BE SOLD AT 1:00 P.M.**

CAST IRON IMPLEMENT SEATS

New Holland; Excelsior; Deering Chicago, Ill. D256; Buckeye; R Adrince Buckeye; Stoddard; Walter Wood; Deering; Champion; Wester Roller and others.

GAS ENGINES

1½ h.p. International Spoke Fly Wheel; 1¾ h.p. Associated; 1¾ Associated Chore Boy; 2½ h.p. Water Loo Boy; 1½ h.p. John Deere; 1½ h.p. Fairbanks, water & air cooled; 3 h.p. Fairbanks; 2 h.p. Stover; 1½ h.p. Bloomer; 2 h.p. New Way; 4 h.p. Economy with cart; 2 h.p. Fair banks with cart; 1½ h.p. Fairbanks; 1½ h.p. McDeering; 1½ h.p. Fairbanks Disk Fly Wheel 3 h.p. Sears Roebuck; 1½ h.p. Montgomery Ward; Case Cross Motor Tractor 1919; Fordson Tractor 1927; 10-20 McDeering Tractor; F 12 Farmall on steel; Small New Holland Grinder; 1 Horse Open Sleigh; 6 Horse horse power; many items too small to mention.

Terms By:
AARON & MARY MILLER

AUCTIONEERS:
Steve Petersheim
215-869-2508
Paul Z. Martin

LUNCH AVAILABLE

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

MON MAY 18, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

TUES MAY 19 - 7 00 P M Public Sale of Real Estate, Located at 23 W Hillcrest Ave., Strasburg, PA From the main square in Strasburg go south on Decatur St , 3 blocks and turn right on to W Hillcrest Ave Sale by Thomas S. and Phyllis W Ruoss Ira Stoltzfus and Son and Jay Leary Auctioneers.

TUES. MAY 19 - 10 00 A M Public Sale of Farm Machinery, Trucks, Tractors, Held at the Robert Histand farm on Twp Line Rd , Wycombe, Bucks Co , PA. Midway between Doylestown, PA and Newton, PA John H Histand Estate, Henry K Freed & Sons Auctioneers

TUES. MAY 19 - 5 30 P M Public Sale at Garage 12 Maple St , Lititz, PA. John Cooper Auctioneer.

TUES. MAY 19 - 5:30 P M. Farmersville Auction In Farmersville, 3 mi. East of Brownstown, Lancaster County, PA. John J Rutt, Auctioneer

TUES MAY 19 - 12 00 P M Public Sale of Holsteins Held midway between Deposit and Afton on Melondy Hill Rd , 40 miles east of Binghamton, use Afton exit off I 88, Take Back River Rd. from Afton towards Bainbridge, 2 miles, turn right on Melondy Hill Rd , go 4½ miles to farm Sale by Edgar & Leif Andresen Dale Chambers Auctioneer, Burton Livestock Exchange Inc Sale Managers

WED MAY 20 - 9 A M. Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa. Watch for sale signs F. Snyder, R Martin, C. Wolgemuth, J Fry and L Horst, Auctioneer

THURS. MAY 21 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS MAY 21 - 12 00 P M Public Sale for Christ R & Katie Beiler, Rt 3, Quarryville, Holstein Dairy Herd, Registered & Grade, Equipment, Etc Steve Petersheim and Everett Kreider Auctioneers

THURS. MAY 21 - 10.00 A M Public Sale of Tractors, Farm and Landscape Equipment, Trucks, Trailers, Tools Sale for Jerry Mueller, Mary Mount Rd , just east of MD Rt 2, about 3 miles south of MD Rt 214, about 10 miles south of Annapolis Vilsmeier Auction Co., Inc

FRI MAY 22 - 7 P M. Public Auction of 100 Feeder Cattle and 20 Holsteins, Machinery sold on commission Owner-Lewis R Fink, 269 Stone House Road, Carlisle, PA. 717-249-3224

FRI MAY 22 - 10.30 A.M. Public Sale of Farm Machinery and Heifers, Located 1 mile north of Churchtown, take Churchtown Rd - to Y, turn right on Hammertown Rd , Lancaster Co , Nancy S Smucker Owner Frank and Paul Snyder Auctioneers.

FRI MAY 22 - Public Sale of State Graded Pigs Held at Westminster Livestock Auction, Westminster, MD

FRI EVE MAY 22 - 7 00 P M. Public Sale of Feeder Cattle Located 7 miles south of Carlisle, PA on Rt. 11 or 3½ miles north off I-81 at Newville Interchange on Rt 11, then 2 miles east on Stone House Rd Lewis R Fink Owner Robert C Mullendore Auctioneer

FRI MAY 22 - 6 30 P M MD National Angus Sale Held at the Frederick Fairgrounds, Frederick, MD Sponsored by MD Angus Association

FRI MAY 22 - 2 P M Absolute Public Auction Outstanding Real Estate, 18 acre farmette located along Route 441, approx 8 miles North of Columbia, Pa between Marietta and Bainbridge Sale by Raymond D Martin Estate Norma R Martin Sale conducted by J Omar Landis, Auct Service, Jay M Witman, Auctioneer

FRI MAY 22 - 12 30 P M Public Sale of Holstein Heifers, located ¼ mile north of Dry Run, PA on Alternate Rt 75, 7 miles north of Willow Hill Exit (14) off PA Turnpike Fred & Mike McCartney Auctioneers Glick & Harry

FRI MAY 22 - 9 30 A M Public Sale of Household, Collectors and Misc Items, located on Rt 36, 3 miles south of Roaring Spring turn at crossroads towards Ore Hill and follow sale signs Mr & Mrs Clifford R Kyler Owners Roy E Gates and John J Dilling Auctioneers

FRI MAY 22 - 7 00 P M Dairy Cattle Consignment Sale Held at Penns Valley Livestock Auction, Centre Hall, PA Ron Gillian Auctioneer

Robert L. Clauser Sr. Estate

PUBLIC SALE

Approx. 5½ Acre Real Estate & Personal Property
SATURDAY, MAY 30

On the Premises in Kleinfeltersville along the road to Milbach, Leb. Co.

2½ Story Frame Dwelling w/Kitchen, Enclosed Porch & 2 other rooms on first floor, 4 bedrooms & bath on Second floor, Oil fired wet heat. 2-2 story 2 car garages, 20x75 ft. chicken House, Brooder house, Etc. all situated on a lot that fronts approx. 170 ft. along the road to Milbach, the land extends East then South and also fronts appro. 190 ft. along Route 897. This Real Estate will be offered several ways. If interested in Inspection call 949-3292 or 949-3670 for appointment, also selling 66 Buick Skylark 2 dr. hardtop (low milage), M.H. Pony tractor w/attachments; 5's & 8 H.P. Wheelhorse tractors, other tools & Household Goods.

This Property if bought in its entriety would be ideal for several horses, etc.

Sale time 10 A.M. Real Estate 2 P.M.

Conditions By,
ROBERT L. CLAUSER JR.
(Executor)
Attorney-C. Walter Whitmoyer Jr.
Auct. G. Harvey Weik
Clerks-Hoover & Ogurcak

TWO DAY PUBLIC AUCTION

Location - on Route 36 - 3 miles south of Roaring Spring turn at crossroads toward Ore Hill and follow sale signs.

FRIDAY, MAY 22
9:30 A.M.

HOUSEHOLD, COLLECTORS, AND MISC. ITEMS: Refrigerator, breakfast set, living room suite, B & W T.V., record player, occasional chairs, rugs, rockers, studio couch, heating stoves, chaise lounge, wicker rocker, picture frames, 8-day clocks, cuckoo clock, hanging lamps, oil lamps, stone jugs, saddle, ladders, fans, library table, swings, old radio, deer heads, porch furniture, electric hand saw, vice, chain saw, grinder, lot of hand tools, new rope, hundred of misc. items, dishes, cooking utensils, and many collector's items.

SATURDAY, MAY 23
9:30 A.M.

ANTIQUES AND COLLECTORS ITEMS: Corner cupboard, dry sink, square oak table, plank bottom chairs, blanket chest, several 8-day clocks, Tiffany type hanging lamp, Gone With The Wind lamps, hickory rocker, organ stool, 4-pc. reed set, settee, several hanging lamps, 5 gal. stone jugs, picture frames, kitchen and heating stoves, 4 poster beds, some cherry, 2 lamps with gold leaf, Stiffel lamp, dinner bell, grandfather's clock, Morris chair, lanterns, wash stand, larken mirror, 4-pc. dinette set, kneehole desk, canes, weather vanes, china closet, occasional chairs, swings, chest of drawers, dishes, crystal, and many collectors items. International cadet riding mower, 1650 hydrostatic 50" cut, two wheel trailer cart, etc.

REAL ESTATE - Offered at 1 P.M. 2-story house with 6 rooms, a cottage with 4 rooms, garage, work shop and a large stanchion. Well water. This property has 8 acres of land with walnut, chestnut, and apple trees. Next to the Iron Masters Country Club.

TERMS: Personal property - Cash. Real Estate - 10% when declared sold, balance on delivery of deed. Seller reserves the right to accept or reject any or all bids on real estate.

MR. & MRS. CLIFFORD R. KYLER
Owners
Auctioneers,
Roy E. Gates, 814-224-2189
John J. Dilling, 814-793-3579

Lunch served
Not responsible for accidents

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

AUCTION SALE

COMPLETE LIQUIDATION
LATE MODEL FARM TRACTORS, FARM & LANDSCAPE EQUIPMENT, TRUCKS, TRAILERS, TOOLS

THURSDAY, MAY 21, 1981
10 A.M.
Harwood/Annapolis, MD

Everything Sells to Highest Bidder.

For: Mathias (Jerry) Mueller, landscape contractor, on Mary Mount Rd., just east of MD Rt. 2, about 3 miles south of MD Rt. 214, about 10 miles south of Annapolis. 1980 JD 2640B diesel tractor; 1979 JD 2240 diesel tractor; 1975 JD 2630 diesel tractor w/loader; JD 2020 gas tractor; IHC 350 gas tractor; Reinco HSJ-15FX Hydrograsser; (2) Reinco Mulchers; Plows; Discs; Rotovator; Cultipackers; Spreaders; Mowers; Balers; etc; 79 Chev C30 Crew Cab P/U w/air; (2) 73 Chev C30 Crew Cab P/U's; 72 Chev C60 Dump Stake; 71 IHC 1890 Water Tk.; 71 IHC 1890 20' Flat; Other Flat Trucks; Tractor; Fruehauf Lowboy & 9 ton Tagalong; Welder, Radios; Tools. Everything Sells regardless of Price.

TERMS: COMPLETE PAYMENT SALE DAY in Cash or Guaranteed Funds Only.
Write or phone for more info

VILSMEIER AUCTION CO., INC.

Route 309, Montgomeryville, Pa. 18936.
Telephone: (215) 699-5833

PIGS

STATE GRADED SALE
FRI., MAY 22
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK AUCTION

Westminster, Md.
Phone (301) 848-9820

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAY 23 - 10 00 A M Public Sale of Farm Equipment, Located 7 miles north of Odessa, NY, or 3 miles south of Mecklenburg along Rt 228, about 12 miles southwest of Ithaca Arlo Havens Owner Blaine Rentzel and Arlow Kiehl Auctioneers.

SAT MAY 23 - 11 00 A M Blendtdale Farms Milking Herd and Bred Heifer Dispersal Located in Kent Co , DE 2 miles east of Rt 13 on Rt 51 (4 miles north of Smyrna, 6 miles south of Odessa, 1 mile south of the intersection of Rt 896 and 13) Turn east off Rt 13, take Rt 51 and follow sale signs Carlton Blendt, Jr. Owner Remsburg Sale Service

SAT MAY 23 - 10 A.M Construction Equipment Auction Beech St , Montrose, Pa , Susquehanna Co Montrose exit 67 off Interstate 81 Owners R T Griffis & Sons, Inc Auctioneers Jim Adriance & Sons & Harvey Clary

SAT MAY 23 - 10 00 A M Public Sale of HG Crawler, Farm Equipment, and Antiques 3 miles north of Fogelsville, turn west off Rt 100 at Claussville intersection onto blacktop toward Seipstown, Weisenberg Twp , Lehigh Co , PA Richard Bartholomew owner Ralph W Zettlemoyer Auction Co , Inc

SAT MAY 23 - 10 00 A M Public Sale of Farm Machinery, Trucks, Antiques, and Household Goods George Willard Richardson Estate, 1000 Old Philadelphia Rd , MD Rt 7, ½ mile east of the intersection with Pulsaski Highway US Rt 40, between Perryman and Aberdeen, Harford Co , MD John H O'Neill and K C Travers Auctioneers

SAT MAY 23 - 9 30 A M Public Sale of Garage Equipment, Saw Sharpening Equipment, Aluminum Siding Equipment and Supplies, New Keiser Automobile Parts, Office Equipment, Floor Safe, Station Wagon, Pickup Truck and Antiques Located in the Town of Schuylkill Haven, 150 Columbia St , Schuylkill Co , PA Sale by E S Ketner Robert A Arner Auctioneer

SAT & MON MAY 23 & 25 Public Sale of Antiques, Collectibles, Farm Equipment, Etc Located in N Lebanon Twp , Lebanon Co , PA at traffic light on Rt 422, between Lebanon and Myerstown, go north on Prescott Dr to Strack Dr , go east to Ruth Dr , then north to sale site Conditions by Franklin C Strack Weik and Buffenmyer Auctioneers

SAT MAY 23 - 1 00 P M Public Sale of Real Estate, Personal Items Household, Antiques and Collectibles Located in Monroe Twp , Juniata Co , approx 12 miles northwest of Millerstown, PA, 7 miles northwest of Liverpool, approx 5 miles north of the village of Seven Stars, next to Rhoads Nursery, Hess and Moyer and Mervin W Adams Auctioneers

SAT MAY 23 - 2 00 P M Public Sale of Real Estate, Located in Seitzland. From Glen Rock take Rt 616 south approx ½ mile to the village of Seitzland Ralph Brenneman and Nelson Arhren Auctioneers, Mrs Mable I Ehrhart Owner

SAT MAY 23 - 10 00 A M Public Sale of Construction Equipment, Located on Beech St , Montrose, PA. Montrose is between Scranton, PA and Binghamton, NY Exit 67 off I 81 R T Griffis & Sons, Inc Owners Auctioneers Jim Adriance and Sons

SAT. EVE MAY 23 - 7 P M Public Sale of 300 Head Livestock located at Plainfield, Pa next to Plainfield School or 5 miles West of Carlisle, Pa and 3 miles West of Cumberland Golf Course off Route 11 South Sale by Robert C Mullendore, Auctioneer for J R Zimmerman and L J Weston

SAT MAY 23 - 10 A M Sale of Farm Machinery, Contents of Small Hardware Store, Plumbing and Carpenter's Tools and Auto Located 1½ miles south of Kemblesville, PA and 5 miles north of Newark, DE on Rt 896 Catherine Davis, owner Harold S Hill & Son, Auctioneer

SAT MAY 23 10 A M Public Sale of Heavy Lumber, Joist, Choice Used Lumber located in Lancaster County, Pa , 7 miles East of Lancaster, ¼ mile North of Bird-in-Hand on Beechdale Road Take Rt 340 to Railroad underpass, turn North on Beechdale Road Follow to sale Terms by Abner S Esch, Steve Petersheim, Auctioneer

MON MAY 25 - 10 00 A M Public Sale of Antique Gas Engines, Tractors, Hand Tools and Literature Located in Hellam Twp York Co , 2 miles north of Hellam exit off Rt 30, north on Kreutz Creek Rd , left on Fahringer Dr , left on Druck Valley Rd. Floyd W Miller Owner Blaine Rentzel Auctioneer

MON Memorial Day MAY 25 - Public Auction of Household Goods, Antiques and 40 Guns Located at Rt 2, Manheim, PA along Spangler Road just north of Rt 283 at the Mount Joy-Manheim exit Jay R Kulp, Owner C H Wolgemuth, Owner

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PUBLIC AUCTION

OF 3.8 ACRE BERKS CO. FARMETTE and 1.7 ACRE PARCEL w/MOBILE HOME & POND SITUATED IN THE OLEY VALLEY

ON TUESDAY EVENING, JUNE 2, 1981

7:00 P.M.

Conveniently located 15 min. from Reading - 15 min. from Pottstown - 7 min. from Boyertown & 40 min. from Allentown. Located along Manatawney Rd, off Covered Bridge Rd. via Fisher Mill Rd.; from Pleasantville (Rt. 73) turn south onto Covered Bridge Rd. or from Yellow House (Rt. 562 & 662) travel north to Covered Bridge Rd.

PARCEL #1: Stylish split level brick & alum. home w/4 bedrooms, modern kitchen, formal dining area, overlooking recreation room w/fireplace, 1½ bath & attached 2 car garage. Home sets 350' off road with mountain behind it, a beautiful setting.

PARCEL #2: 1.7 acres w/skirted furnished 12x70 Burlington mobile home, pond and old log house.

OPEN HOUSE SUNDAY, MAY 17, from 2:00 to 4:00 P.M. or Wed., May 20, from 6:00 to 8:00 P.M.

For more details and pictured brochure, call or write:

FREY AUCTIONEERS
JOHN D & GEORGE D
Yellow House

Birdsboro, #2, Box 408, 19508
215-689-5051

CONSTRUCTION EQUIP. AUCTION

SATURDAY, MAY 23rd

At 10:00 A.M.

On Beech St., Mountrose, Pa. Susq. Co. Montrose is between Scranton, Pa. & Binghamton, N.Y. Exit #67 off I-81.

MACHINERY - EQUIP. - TOOLS

Cat. 955K Loader Serial #85J587, J D. "#450B" Loader with winch 1666 hrs. "450B" cab (new), J.D. "500C" Backhoe & Loader, Ford major backhoe & loader, Galion #118 Grader, Northwest #25 track crane with backhoe, 80 ft. boom to sell seperate, Huber 10 ton roller, 2 40' box trailers, tandem & single, Brockway Tractor, I.H. 190 tandem dump, Miller T301 tag master, office trailer, Chevy 1 ton dump, Jager #315 compressor with diesel engine, LeRoi compressor with gas engine, steam cleaner, Homelite 4" water pump #610, 4" hoses, 2" electric & gas powered pumps, power plant & welder combination, 2 electric vibrators, power trowel, 2 cutting torches & gages, Torpedo heaters, fireproof safe, Lincoln welder, 100 mp temp. services, fuel tank & pump, Tamper (gas), V show plow, Myers snow plow for Scout, 16.9x30 tractor chains, prindle hooks, jack hammer, rock drill & rods, 4" belt glass grinder, sickle mower for Cub Cadet, I Beams, air hoe, 14" shive - 15 ton block, 160 feet steel curb forms, 18" w/160' angle plates (used little), concrete funnel & treamies, 1¼ & 1 inch black pipe, ¾ yd. concrete bucket (about new), bridge scaffolding, hoist & platform elevator for steel scaffolding, 28' concrete elevator 24' block elevator, 1963 IH pickup, 1948 Ford truck, GMC bus used for supplies, 1973 Dodge Club Cab pickup, 1967 Chrysler car, Travel Master 19' camping trailer, 21 ton tag-along tandem trailer 14 ply tires.

An all day sale of good machinery & equip.

Terms - Cash or Check with bank letter of credit.

Owners
R.T. GRIFFIS & SONS, INC.
Auctioneers - Jim Adriance & Sons & Harvey Clary
Montrose, Pa. 717-278-1574

PUBLIC SALE

OF REAL ESTATE
1½ Story Frame & Log House w/8 Rooms Garage & Barn w/3 acres & 34 perches of Land

TUES. EVE., MAY 26

at 7:00

Located at corner of River Rd. & Oak Rd., R.D. #2, Conestoga, Manor Twp., Lanc. Co., Pa. About 2 mi. west of Safe Harbor & 1 mi. east of Highville.

Real Estate: 1½ story frame & log house w/asphalt siding & 16' by 50' new addition w/alum. siding. 21' X 30' frame barn; 30' X 20' frame 2 car garage & tractor shed. Total of 3 acres & 34 perches of land. 2 acres of tillable ground. 235' road frontage along River Rd. & 275' road frontage along Oak Rd. Property will be open for inspection Sat's., May 16 & 23 from 1 until 3 P.M. or phone 872-5748.

Sale by
MR. & MRS. ARTHUR W. KNIGHT
Thomas L. Goodman Attorney
Howard Shaub Auctioneer 464-3541
and Roy C. Probst 464-3190

RAYMOND D. MARTIN ESTATE
ABSOLUTE PUBLIC AUCTION

OUTSTANDING REAL ESTATE
18 ACRE FARMETTE

FRI., MAY 22, 1981

2 P.M.

Located along Route 441, approx. 8 miles North of Columbia, Pa. between Marietta and Bainbridge. TO BE SOLD ON AN ABSOLUTE BASIS TO THE HIGHEST BIDDER REGARDLESS OF PRICE.

Outstanding Real Estate features 18.7 acres to fertile loam soil with spring situated there upon a 2½ story brick house totally remodeled. Kitchen has modern oak built in cabinets, Hotpoint oven and dishwasher, is very roomy with laundry; formal Williamsburg style living room & dining room areas, with guest closet and open staircase with curly maple railings to the attic; four very large bedrooms with closets and very large Master bedroom with outside balcony; lots of closets and wall to wall carpet throughout the house; large modern den; home is heated with hot water oil heat and has new roof and spouting; and 2½ complete baths.

Other improvements include large frame bank barn with stone wall barnyard, having large additional attached building with modern panelled offices measuring 16x30', Corn Barn, new barn for grain & trailer truck storage measures 60x170'.

18+ Acres of land with lots of road frontage along Route 441.

If looking for outstanding opportunity to purchase gentleman's farm, don't miss this one.

To inspect farm, call 717-426-1197 or auction firm.

Wengler Byler & Thomas Attys
M. Elvin Byler
10% down day of sale, balance within 30-45 days.

Sale By:
RAYMOND D. MARTIN ESTATE
Norma R. Martin, 717-426-1197

Sale conducted by
J. Omar Landis Auct. Service
Jay M. Witman
Box 501
Apple & Roberts Streets
Ephrata, Pa. 17522
717-733-7917 or 717-665-5735

PUBLIC SALE

THURSDAY, MAY 21

12:00 Noon

Harvestore Silos - Dairy Herd Milking Equipment Farm Machinery

Located 7 miles north of Oxford, 10 miles south of Strasburg in the village of Nine Points, Lancaster County, PA - 1st farm north of Nine Points along Route 896

53 HEAD 53 HEAD

53 head of Registered and Grade, black and white Holsteins, 28 milk cows, 10 bred heifers, 14 open heifers and calves. Yearling stock bull. 1979 herd average 29.8 cows, 17,627 M. 619 Fat; 1980 herd average 31.7 cows, 15,398 M. 555 Fat. Present rolling herd average 15,453 M. 567 Fat 3.7 Test. Sires represented Boot Maker, West Side A B Seaman, Elevation Bob and other popular bulls, Cows bred A-1 and stock bull. .

2 HARVESTORE SILOS

20x30 with Hercules unloader, 20x60 with Goliath unloader, built in 1971 and 1974. Structures and unloaders offered individually and as a unit. 20% down, balance in 60 days.

MILKING EQUIPMENT

3 Delaval units, 3 - 50 lb. pails, 1 - 65 lb. pail, Sterling pulsators.

-MILKPORTER SPUTNICK- FARM EQUIPMENT

Case-930 Diesel Tractor on steel, good condition; Zook 20 ft. manure elevator; Zook manure spreader: Gehl 800 recutter; John Deere blower, long-elev., P.T.O.; John Deere corn binder with loader & carrier; John Deere binder for parts; John Deere No. 3 bar mower.

Terms by:
CHRIST R. & KATIE BEILER
Auctioneers:
Steve Petersheim, 215-869-2508
Everett Kreider

Auctioneer's Note: Good production in this herd and potential!

—Lunch Available—

Late Model Farm Machinery Tractors, Trucks For Estate Of The Late John H. Histand

To be held at the Robert Histand Farm, on Twp. Line Rd. Wycombe, Bucks Co., PA. Midway between Doylestown, PA, and Newtown, PA.

TUESDAY, MAY 19, 1981

10:00 A.M.

Be on time, few small items

From Newtown take Rt. 413 to Pineville, PA, turn west on Twp. Line Rd., 1 mile, turn right at Vacore Funeral Home from Rt. 202 Buckingham take 413 south to Pineville, PA, turn west 1 mile watch for Auction Signs.

1959 IH R-190 10 wheel grain dump truck, 1969 IH 1800 16' dump grain body. Red Ford F-600 with grain body, 1974 Ford F-350 stake body, Oliver Super 77 gas tractor with #9 NI front end loader, 1964 806 IH diesel tractor, 1970 IH 756 diesel tractor, 1976 JD 4400 diesel combine, 213 grain head, new 1980, 443 corn head, 4 row 30" rows, 1975 50 IH 5-16" plow, 1970 700 IH 6 bottom plow 16", 350 IH transport disc, 13'6", JD series 7000 4 row corn planter, 30" rows, (Subject to prior sale) IH 510 grain drill 16 disc, 315 Dunham Lehr cultimulcher 12' wide 72" Woods 3 pt. hitch Bush Hog 72-2; IH 84 sickle bar mower, small grain blower, Oliver 107 5 bar hay rake, 1974 458 White chisel plow, Welsh 500 gal. plastic boom sprayer 30' wide, Oliver 374 4 row cultı. rear mount 3 pt. hitch, IH 45 vibra shank cultivator, 12'6"; 1437 disc 12'6"; Midwest harrow for vibra shank.

To be sold at the same time and place for William Geust: NH 300 bu. grain dryer, Oliver 4 row no-till corn planter 3 yr. old, NI 50 ft. grain auger, new condition, IHC 4 row rotary hoe cultivator.

All machinery in good condition ready to go. Machinery being sold due to the death of Mr. John H. Histand.

Conditions: Cash, out of state checks with current letter of bank credit only.

Auctioneer
Henry K. Freed & Sons
215-822-0723

For prior inspection of equipment call 215-598-3102

PUBLIC AUCTION

OF KITCHEN-CAFETERIA EQUIPMENT, DESKS, CHAIRS, SCHOOL BUSES & SURPLUS ITEMS

SATURDAY, JUNE 13, 1981

Located at the Exeter Twp Bus Garage along Shellbourne Rd. ¼ mi south off Rt. 562 (at Jacksonwald), or 2 mi. north off rt. 422, just east of Reading Country Club, Exeter Twp., Berks Co.

Stainless steel counters - tables (NSF approved), double or upright freezers; Hobart Equipment; cafeteria items; desks; all size oak & metal chairs; fluroescent lights. NOTE: THIS EQUIP. WAS REMOVED LAST YEAR BECAUSE OF CAFETERIA & CLASS-LAB ROOMS NEW ADDITION.

GMC 60 passng. & Chev. 20 passng. buses. Full advt. will follow.

SOLD FOR EXETER TOWNSHIP SCHOOL DISTRICT

Sale at 10:00 A.M. Buses at 1:00 P.M.

FREY AUCTIONEERS
JOHN D & GEORGE D
Yellow House

215-689-5051 or 689-5269
Call for brochure

ABSOLUTE AUCTION

SATURDAY, MAY 23

1:00 P.M.

FARM OF APPROX. 60 ACRE

Located in Monroe Township, Juniata County approx. 12 miles Northeast of Millerstown, Pa., 7 miles northwest of Liverpool, approx. 5 miles north of the village of Steven Stars, next to Rhoads Nursery, (watch for auction signs off Route 17 day of sale.)

This piece of property consists of appro. 60 acres made up of both open and wooded land acres with small fresh water stream running through property, fish filled pond. Double highway frontage. Small bank barn. Two bedroom dwelling, storage shed and other out buildings.

If you are looking for a small farm or land in the country, this may be just what you've been looking for.

Small stream, pond, open and wooded areas can easily be divided into 2 or more parcels - Not far from anywhere, but away from all the hustle and bustle. (A rare opportunity.)

TERMS: 10% Down Balance 60 Days.
WILL BE SOLD AT ABSOLUTE AUCTION!!!

PERSONAL ITEMS

TRACTOR - Small John Deere Model LA with Plow and Cultivator.

MISCELLANEOUS TOOLS: 2 Wheel Trailer - Steel Wheeled Wagon with Box - 2 Row Corn Planter - Single Row Corn Planter - Small Roller Harrow - Drag Scoop - Dump Rake - Steel Framed Walking Plow - Horse Cultivator - Cement Mixer with Electric Motor - Steel Mortar Box - Cross Cut Circular Saw - Wooden Wheel Barrow - Corn Sheller - 28 Ft. Wooden Extension Ladder - Small Amount of Miscellaneous Lumber including several 6x6" Posts - Some Hand Tools, Etc.

HOUSEHOLD, ANTIQUES & COLLECTIBLES

Early Kitchen Coal and Wood Range in Chrome & Black Styling with Shelf Back, Words (UP TO DATE) Embossed on Oven Door - 3 Pcs. of Oak Bedroom Furniture - Wooden Breakfast Set with Drop Leaf Table - 2 Pc. Living Room Suite - Occasional Chairs - Some Dishes - Etc.

MERVIN W. ADAMS SALE SERVICE
Mervin W. Adams, Sale Service
Phone - 692-3076
ADAMS & ADAMS AUCTIONEERS

489-7127 948-8050
HESS & MOYER
AUCTIONEERS
115 HESS ROAD • COLLEGEVILLE, PA 19426
Robert D. Hess, Owner

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

MON MAY 25, - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

MON MAY 25 - 1 30 P.M. Public Sale of Valuable Farm Machinery, 3 Tractors, some Antiques and Collector's Items At Bunces Corn Stand, 415 N. Loyalsock Ave, Montoursville, PA Lyc Co Clyde and Beverly Bunce Max Fraley & Son Auctioneers

TUES MAY 26 - 7 00 P.M. Public Sale of Real Estate, located at corner of River Rd and Oak Rd., Rd 2, Conestoga, Manor Twp, Lancaster Co, PA about 2 miles west of Safe Harbor, and 1 mile east of Highville Sale by Mr & Mrs Arthur W Knight Howard Shaub and Roy C Probst Auctioneers

WED. MAY 27 - 10 00 A M -Public Sale of Farm Machinery, Dairy Equipment, Hay, Silage, Growing Grain crops Located on the farm in the corner of Warner Rd and Matthews Rd 3 miles south of State Rd 194 in Ladiesburg between Woodsboro and Keymar, Frederick Co, MD Trout Auctioneers

WED & THURS MAY 27 & 28 - Public Sale of Real Estate, Office Equipment, Egg Processing, Warehouse and Garage Equipment, Trucks, Cars and Tractor Located 1741 Valley Forge Rd., Rt 363, Worcester Twp, Montgomery Co, Worcester (Center Point) PA Sanford A. Alderfer Inc Auctioneer Producers Pride Assoc Inc. Owners

THURS & FRI MAY 28 & 29 - Public Sale of Farm Equipment, Located at the place of business 6 miles south of Chamersburg, PA 1 mile east of Marion, just east off Rt 81 at Marion Exit Rt 914 Ralph W Horst Manager

FRI MAY 29 - Perry Co Farm and Woodland at Public Sale Located 45 miles NW of Harrisburg, along Rt 850 2 miles east of Honey Grove. Long Bros Auctioneers

FRI MAY 29 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI MAY 29 - 6 30 P M Public Sale of Holstein Heifers and Steers Located at Rd 1 Blairs Mill, Huntingdon Co, turn off Rt 75 1 mile south of Waterloo, 5 miles north of Doylesburg, turn right on Mountain Foot Spur Rd, 1st farm Ronald Moore Owner Kling's Auction Service.

FRI MAY 29 - 10.30 A M Yearling Spring Heifer Sale. Held at Shady Lane Dairy Sales, Inc. ¼ mile west of Quarryville, PA off Rt 372 on Oak Bottom Rd Glenn D and David L Fite Owners

SAT MAY 30 - 10 A M. Public Sale of Household Goods, 15 Guns including Parker 10 ga. double, Ansley Fox 12 ga. double, Fox Sterlingworth 12 ga double & 2 Winchester pump model 12 20 Antique gas engines, 1919 Case tractor, 40 Antique cast iron seats Located 1 mile North of Bird-in-Hand, Pa. on Gibbons Rd Sale by Aaron P. Miller Auctioneers Steve Petersheim & Paul Z. Martin

SAT. MAY 30 - 10:00 A M Public Sale of Farmette, Farm Equipment, Household Goods, Antiques, Collectibles Located in the Village of Pitman, Mahantongo Valley, Schuylkill Co, PA 5 miles north of Hegins, 9 miles south of Shamokin Grant Herring Owner George and Mike Deibert Auctioneers

SAT MAY 30 - 10.00 A M Public Sale of Personal Property and Coins Located 1½ miles east of Hahnstown along Hahnstown Road. Paul Z Shirk, Owner. Paul W Horst and Leroy S Horst, Auctioneers

SAT MAY 30 - 9 00 A M Public Sale of Blacksmith Tools, Antiques and Wagons, (2 seat surry with fringe on top, excellent condition, 2 Conestoga covered wagons) Located from Lancaster take Rt. 272 to Rt 222 to Rt. 1, turn north, 5 miles to Red Pump Rd to Freemont Rd or from Oxford take Rt 1 south to MD line, go 2 mi turn north on Red Pump Rd. Terms by Helen Swack Estate of John A. Swack deceased Lloyd H Kreider, Randal V Kline and Gary L. Shirk Auctioneers

SAT MAY 30 - 9.00 A.M Public Sale of Real Estate, Antiques and Collectibles Furniture and Household Located 2 miles south of Bloomsburg Rt 42 in the Village of Rupert, corner of Rupert Dr and Hunter Street, I-80 Exit 34 to Rt. 42 George Frees Owner Hock's Auction Service

SAT MAY 30 - 11.00 A.M Public Sale of 25 acre farm and Personal Property, Located at Rd 2, Mohnton, from New Holland Rd, take Church Rd to Reed Rd, turn left, go 1 block to Hunter Rd, turn left to property. Allen Witmer Estate Elton and Alvin Horning Auctioneers

SAT MAY 30 - 11 A.M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT. MAY 30 - 9.00 A.M Public Sale of Furniture, Antiques, Quilts, Glasware and China Located at light in Parkerford on Rt 724 turn south onto Bethel Church Rd to sale site In East Coventry Twp., Chester Co, PA. Sale for Lottie M. Becker Nelson C Weidenbaugh Auctioneer

PUBLIC SALE

FRIDAY, MAY 22, 1981

12:30 P.M.

¼ Mile North of Dry Run, Pa. on Alternate Rt. 75 7 Miles North of Willow Hill Exit (14) off PA Turnpike.

250 HOLSTEIN HEIFERS

150 Registered — 100 Grades; 15 Second and Third Calf Heifers and Cows; Springers or Fresh; 85 Bred Heifers — 3 Months to Fresh; 150 Open Holstein Heifers; 5 Registered Holstein Bulls — Service Age — From Top A.I. Sires.

Sires of Registered Animals: Glenn Valley Star, Marvex, Gemini, Job, Jet Stream, Milu Betty Chief, Superior, Proud Performer, Optimist, Triple Threat, Bootnick, Lester, Snowman, Liftoff, Chief Astronaut, Rocket, JoDan, BB Ivan Willow, Standout, Boots and other top American and Canadian Sires. Records on Most Dams - Catalogues - Heifers Vaccinated - Pregnancy Checked - Interstate Charts.

This is a well bred, well grown group of heifers. Most started on this farm.

Sale Order: Cows' and Fresh Heifers - Springer and Bred Heifers - Bulls - 2 p.m. - Open Heifers - Calves.

FRED & MIKE McCARTNEY

Dry Run, Pennsylvania
Phone: (717) 349-2393 or (717) 349-7752

Lunch at Sale Motel Accommodations
Auctioneers: Glick & Harry
Pedigrees: V. Art Kling
Clerks: Coons & Coons

PUBLIC AUCTION

FARM MACHINERY, TRUCK SOME HOUSEHOLD

SATURDAY, MAY 23

10:00 A.M.

The Estate of Cal Vergano, 131 Davidson Ave., Somerset, NJ. From Somerville, NJ take Rt. 287 South, turn off at Rt. 527 Easton Ave., New Brunswick exit (Marriott Hotel). Take Rt. 527 North for ¼ mile to blinker light, turn left onto Davidson Ave. Auction arrows posted.

1963 Int. 1800 Loadstar truck with 12' van body (as is); AC 170 diesel tractor with wf, 500 hrs., like new; AC WD tractor, AC 3 bottom 14" 3 pt. plow (never used), AC 2 bottom 14" snap coupler plow, Dunham 8' cultimulcher, 2 section spike tooth harrow, Woods 3 pt. 84" rotary mower, NH rolla-bar rake, NH #469 HAYBINE (A-1), NH 269 BALER WITH PTO THROWER, JD PTO manure spreader, Cockshutt 13 disc grain drill, Oliver trailer mounted orchard sprayer with 50 gal. tank, York rake with 3 pt. hitch, AC dirt scoop, Meyers 8' snowblade, AC post hole digger, wheel mounted field sprayer, E Zee Flow 3 pt. seeder spreader, 3 NH wagons with kicker sides, 2 flatbed farm wagons, tank mounted air compressor, 1 ton chain hoist, bench vise, carpenters & mechanics hand tools, shovels, forks, electric fencer, 30 oak pallets, 12 & 14" metal farm gates, 14 double length railroad ties (20'), 2 mineral feeders, cattle rub, 28'x75' loafing shed, scrap metal.

HOUSEHOLD - French Provincial buffet server & table with 5 chairs (pine), Maple secretary bookcase, Maple dresser & 5 drawer chest plus miscellaneous household related items.

Household Items sell at 10 A.M. Sale Rain or Shine.

Terms - Cash or a good check.
Don Metch - Sale Manager
201-782-8771
Col. John P. Kachmar, Auctioneer
Flemington, N.J.
201-782-4271

PUBLIC SALE

9:00 A.M.

SATURDAY, MAY 23, 1981

½ Mile South of Kratzerville, Snyder Co., Pa. Between Selinsgrove and New Berlin on Rt. 204, turn South on Herman Road. See signs.

160 A farm, approx. 80A under cultivation and 80 A woodland. 7 room house, full basement w/hot water heat, bath, copper plumbing, lg. bank barn and all necessary out buildings. Also farm machinery, H.H. items & Antiques. Sale to begin w/tools, farm machinery, followed by H.H. items. Farm to be offered for sale at 1 P.M. May be bought prior to sale.

ESTATE OF ARTIE R. KRATZER

Executrix Bertha Hackenberg
Marie Snook
for info. call 717-966-3588 or 717-966-2736

Auct. Neil S. Moyer
Atty. Michael T. Hudock
Terms - P.P. - Cash
Real Estate - 10% down Bal. 45 days on del. of deed. Possession on settlement.

PUBLIC SALE

FARM MACHINERY, HEIFERS

FRIDAY, MAY 22, 1981

10:30 A.M.

Located 1 mile North of Churchtown, Take Churchtown Rd. to Y turn Right on Hammertown Rd., Lanc. Co. Watch for sale signs.

50 HEAD HOLSTEIN HEIFERS

Some open heifers, short bred, springers, 30 days test, pregnancy checked.

FARM MACHINERY

4000 J.D. Diesel Wide Front; 3020 J.D. Gas Wide Front; 1020 J.D. Gas with 48 Loader Wide Front; all tractors on rubber.

N.H. #718 Harvester, like new; N.H. #469 Hay Bine; N.H. #56 Rake; J.D. 14T Baler; J.D. 24T Baler; New Idea Single Beater Manure Spreader; J.D. 3-16 Plow with Automatic Reset; J.D. 4 Section Harrow; Badger Blower; Gehl Table Blower; J.D. 3 Section Harrow; J.D. 215 Forage Wagon; Gehl Forage Wagon; 40 Disc Transport Disc; Massey Ferguson Mower 3-pt.; J.D. Fluffer; 3-16 ft. Wagons, 2 like new; Oliver 2-14 Bottom Plow 3-pt.; Ferguson Cultivator 3-pt.; Scraper 3-pt.

9 ft. Brillion Cultipacker; 20 ft. Elevator; 20 ft. Rotary Hoe; 3 pt. Weeder; McCormick Horse Cultivator; 2 Wheel Trailers; Horse Carriage; Harness; Driving Harness; Collars; Single and Double Trees; Baler Twine; Electric Drills; Vise; Fan; Minnich Tobacco Press; Tobacco Lath; Wheelbarrow; Feed Carts; Silage Carts; Bag Wagon; Campbell Air Compressor.

Dog Houses; Gates; New and Used Lumber; Shovels; Bolts; Lawn Mowers; Log Chains; Screw Jack; Forks; Tires and Wheels; Shovel Harrow; Fence Posts; Round Water Trough; Wooden Drag; Fence Wire; Chicken Nests and Feeders; Electric Cords; Electric Fencer and many more articles not mentioned.

Sale at 10:30 A.M.

Terms by
NANCY S. SMUCKER

Frank and Paul Snyder, Auctioneers
717-859-2688 — 717-733-7052
Fasnachts, Clerks

No Out of State Checks
Refreshments
Not Responsible for Accidents

Public Sales Register

Closing Date - Monday, 5:00 P M of each week's publication

SAT MAY 30 10 A M Annual Grade Heifer Sale at the New Holland Sales Stables, Inc, New Holland, Pa

SAT MAY 30 10 00 A M Public Sale for Robert L Clauser Sr Estate Real Estate and Personal Property, Located on the premises in Kleinfeltersville along the road to Milbach, Lebanon Co G Harvey Weik Auctioneer

SAT MAY 30 - 2 00 P M Public Sale of Real Estate, Located in Lower Mahanoy Twp, Northumberland Co, approx 3 miles west of Pillow, off Rt 225, along Malta Rd, approx 40 miles north of Harrisburg, 20 miles south of Sunbury Estate of William L Deppen Mervin W Adams Auctioneer

SAT MAY 30 - 12 00 P.M Public Sale of Machinery Located 1½ mile east of Seven Stars, 6 miles northwest of Liverpool, just off Rt 235. George A Strawser Owner Long Bros Auctioneers

SAT MAY 30 - 10 00 A M Public Sale of Antiques, House Furnishings Located in the borough at 521 Chestnut St, Mt Holly Springs, PA Sale by Elizabeth Gitt Clair Slaybaugh Auctioneer

SAT MAY 30 - 10 00 A M Public Sale of Household Goods, Etc Located Avenue D & 9th Streets, Riverside, Danville, off Sunbury Rd follow signs Dr & Mrs Klinger Owners John Autotorere and John Jr Auctioneers

JUNE

MON JUNE 1, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M. Lehman, owner

WED. JUNE 3 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer.

WED JUNE 3 - 9 30 A.M Public Sale of Truck Tractors, Alum Dump Trailers, Bulk Feed Trailer, Bean Trailers, Shop Equipment and Real Estate Located in Elmer, NJ (West of Vineland) Strang's on Center St in Elmer, NJ Just west of Vineland on Rt 40. Vilsmier Auction Co Inc

THURS. JUNE 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI JUNE 5 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 6 - 1 00 P M Public Sale of Farm and Woodland Located in Central PA Juniata Co For information contact Long Bros 717-527-4458

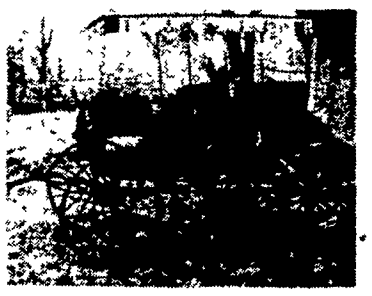
PUBLIC AUCTION

BLACKSMITH TOOLS, ANTIQUES, WAGONS, 2 SEAT SURREY WITH FRINGE ON TOP IN EXCELLENT CONDITION SIGNED MIFFLINBURG, PA 2 CONESTOGA COVERED WAGONS, DOCTOR'S BUGGY — APPROX. 14 OTHER TYPES OF WAGONS

SATURDAY, MAY 30, 1981

At 9 A.M. SHARP!

Located from Lancaster take Rt. 272 to Rt. 222 to Rt. 1, turn north 5 miles to Red Pump Rd. to Fremont Rd. or from Oxford take Rt. 1 south to MD line go 2 miles turn north on Red Pump Rd. Watch for sale signs.



4 Freight Wagons by Acme Wagon Co. and Eascheetz Co.; 1 Lumber Wagon; 1 Buck Board by M.E. Kutz; 1 Hay Wagon; 1 Weber Wagon; 5 Running Gears; Railroad Wagon. All Wagons in Good Condition. Wagon Wheels & Irons; Stage Coach Axles & Wheels; Buggy & Wagon Spokes; Wooden Hub; Buggy Wrenches; New & Used Canvas.

11 Anvils; Approx. 90 Pair Tongs; Many New & Used Horse Shoes; Shoe & Tong Racks; Parker 6" Heavy Duty Bench Vise; 3 Bench Vises; Bench Shears; Pipe Vises; Complete Cannon Forge; 5 Other Forges; 4 Tuyere Irons; Hardie Tools; 10 Forge Elec. Blowers, Champion; Blacksmith Helpers; Cutters; Punches; Shoeing Rasps; All Kinds of Shoeing Tools; Shoeing Box; Boring Machine; Hole Punch; Hand Grinders; ⅓ & ½ H.P. Elec. Grinders; Grinding Stone; Post Drill; Brass Torches; Braces; Acetylene Oxygen Gages & Torch; Micrometer; Slick; C Clamps; Calipers; Files; ¼ & ½" Drills; Barrel Stove; 4½ Ft. Brass Strap Hindges; Wrenches of all Description; Pile of Scrap Iron; Drive Way Chain, Hand Made; Brass Ford Tire Pump; Wooden Planes.

Rogers Silverware; 6 & 12 Gal. Crocks; Lard Press; Trunk; Lanterns; Wooden Clothes Tree; Shovels; Rakes; Wheel Barrel & Wooden Wheels; Home Made Hay Rake & Scythe; Rolls Of Woven Wire; Lumber; Plastic Pipe; Doors; Ropes; Stove Pipe; Cross Cut Saw; Buck Saw; Log Chains; 2 Chain Hoists; Elec. Motors; Sheets of Brass & Copper; Shoe Lathe; Axe Handles; Hatches; Broad Axe; Picks; Bolts; Nuts; Jack Hammer Bits; Tools of All Description; Single & Double Trees; Horse Collars; Harness & Hems.

Many More Items Too Numerous To Mention. Not Responsible For Accidents Day Of Sale. No Out Of State Checks Accepted. Unless You Show An Established Line Of Credit Such As A Bank Letter.

AUCTIONEERS NOTE: The Surrey and Wagons Will Be Sold At 2 P.M. Sale Starts At 9 A.M. Sharp. Come Early, There's A Lot Of Good Items To Be Sold. This Is The Largest Blacksmith Shop Sale In The East. Refreshments Available,

TERMS BY:
HELEN SWACK
FOR THE ESTATE OF JOHN A SWACK, DEC'D. (BLACKSMITH)

KREIDER & KLINE AUCTIONEERS

Phone (717) 786-3394

FARMERSVILLE AUCTION

TUES., MAY 19

7:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

All New Furniture Sale

6 Early American living room suites in florals & plain nylons; 6 Peoplounger recliners (the action chair); 6 wooden rockers; 6 upholstered rockers; 3 sets Serta bedding; 3 cedar chests; 3 pole lamps; 3 hand painted mirrors; 3 childrens rockers; 1 loveseat; 3 clothes trees; 1 odd upholstered chair; 1 china closet; pine tables; 1 picture clock; large gold tweed rug; lamps; pictures; Samsonite folding chairs; Tell City swing rocker; Large china dinner set in rose pattern; step end table sets; etc. etc.

We sell on commission
Call John J. Rutt 354-5095

BLENDTDALE FARMS MILKING HERD AND BRED HEIFER DISPERSAL

On the farm located in Kent County, Delaware, two miles east of Route 13 on Route 51 (4 miles north of Smyrna, 6 miles south of Odessa, one mile south of the intersection of Routes 896 and 13). Turn east off Route 13, take Route 51 and follow sale signs.

SATURDAY, MAY 23

11:00 A.M.

90 HEAD OF HOLSTEINS SELLING
70 Registered — 20 I.D. Grades
1 EX, 9 Very Good, 23 Good Plus Selling
Also a Few Heifer Calves

SELLING:

Blendtdale Carmen					
El Louise	VG 86	365	24,763	3.8	934
Blendtdale Arlinda					
Doris Marie	GP 84	308	22,501	3.9	880
Stroby Million					
Dollar Baby		335	21,120	4.1	871
Blendtdale Eunice					
Kathy-Twin	VG 85	336	20,907	3 9	831
Blendtdale Carla					
Star Darlene	GP 82	305	21,660	3.7	810
I.D. Grade No. 32		305	22,025	3.4	750
Blendtdale Thor					
Debbie Lucy	VG 85	322	21,447	3.3	717
Blendtdale Clair					
Jo Lydia	EX 90	293	19,277	4.3	824

Featuring
BLENDTDALE CLAIR JO LYDIA - EX
4-6 293 19,277 4.3 824

Rolling DHI average - 18,085M 3.8% 685F

Herd average last test day — 61 lbs. 26 head from 70 to 111 lbs.

Twenty-four (24) 2-yr. olds sell making good first-calf records.

Sires represented include: Elevation, Marvex, Astronaut, Jet Stream, Apollo Rocket, and many now carrying service to Creek Bluff Elevation Lester (+1397).

12 Bred Heifers Sell — 7 due near sale time — others July through September.

Tested for Interstate Shipment
Pregnancy Checked

SELLING AT 10:30 A.M.

MACHINERY

Fox Forage Chopper with 2-row corn head and 6 ft. pick-up attachments, J.D. Self-unloading Forage Wagon, and Carter Self-Unloading Forage Wagon.

DAIRY EQUIPMENT

(Sells subject to prior sale. Call if interested)

800 gal. ESCO water-cooled Bulk Tank with compressor, Complete 8-stall parlor DeLaval Milking System with 8 automatic take-off units, Complete overhead Feeding System for 12-stall parlor, 2 vacuum pumps. Stainless steel lines, Milk transfer pump stalls and 10 ton feed bin.

For More Information Contact:

Owner
CARLTON BLENDT, JR.
Route 1, Box 277
Townsend, Delaware 19734
Ph. Home: 302-653-9141
Barn: 302-653-2113

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177, Jefferson, Md. 21755
Phone: 301-473-8214

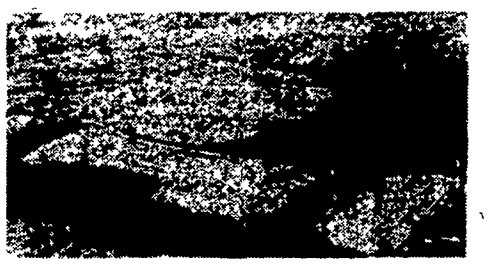
PUBLIC AUCTION

SATURDAY, MAY 30

AT 2:00 P.M.

On the premises located in Lower Mahanoy Township, Northumberland Co., appro. 3 miles West of Pillow - off Route 225 - along Malta Road. Approx. 40 miles North of Harrisburg, 20 miles South of Sunbury.

117 ACRE FARM



Consisting of gentle rolling land with some wooded areas & boarding along the Mahantango Creek with double road frontage - Large Bank Barn - 8 Room Dwelling and other out buildings.

This is a farm of sizeable acreage located in an excellent agricultural community currently being operated as a grain and grass operation. This farm is expected to sell at a very affordable price.

TERMS: 10% Down - Balance 60 Days.

If you have an interest in a farm of this type - Why not investigate it now!!!

ESTATE OF WM. L. DEPPEN

MERVIN W. ADAMS

AUCTION SALE SERVICE

MERVIN W. ADAMS
STEVE ADAMS
(717) 692-3076
Phone 692-3076
Wm. Wiest, Attorney

PUBLIC SALE

OF GUNS & ANTIQUES

MONDAY MEMORIAL DAY, MAY 25

10:00 A.M. Guns at 1:30 DST

Located: Along Spangler Rd. Manheim, Lancaster Co., Pa. Take Rt. 283 to Manheim - Mt. Joy Exit; turn North on Breneman Rd. Right on Spangler Rd. Look for signs.

40 GUNS 40 '73 KAWASAKI 125

Bernardelli Deluxe V.B Holland 16 ga. S# 40220; Baker M-1897 10 ga.; A.H. Fox G D S# 15257D; A.H. Fox G A S# 2357; 6 Fox Sterlingworth (4 12 ga. 2-16 ga.); Fox 410 B; Lefever; Ithaca; Savage M-99 300 cal.; Savage M-99 30 cal.; Savage M-24 SA 20 ga.; German DB Hammer 12 ga.; Mauser 30-06; J.C. Higgins 12 ga.; Zulu 12 ga.; WINCHESTERS - W Bicen. '76 30-30 S# 03618; W Cent. '66 30-30 Car. S#79864; W Cent. '66 30-30 Rifle S#73396; W M-62A 22; W M-42 410; W M-24 20 ga. & 12 ga.; New W M-12 12 ga. S# Y2012661; Two W M-12 16 ga.; W M-12 20 ga.; W M-97 12 ga.; W M-25 12 ga.; W M-55 22 Rifle; W M-67 22 Rifle; Three Stevens Favorite; Stevens 22 Rifle; Stevens 20 ga.

ANTIQUES

Mason Ironstone China Plate (1800's) U.S. Army milk can (drop Handles) Copper kettle, iron pots, Steam whistles, Model T & A head lights & radiator, 1915 license plate, Buggy & Miners lights, lantern & oil lights.

WOODEN ITEMS

Baby buggy, 2 rakes, 2 shaking forks (3 & 5 prong wheat binder) grain cradle, tub, measures, butter mold (wh. sheaf), pulley, Shnitzel-Bunk, yarn winder, wash stand; Movie projector w/glass slides, Stohler Ax, Edison Phonograph, Cowden & Clay crocks, Mt. Joy food grinder, cherry seeder, Buch corn sheller, Pitcher & whiskey pumps, 4 Pea scales, ice tongs, Stohler drawing knives, Hammered hinges.

Coke glasses, Depression, jars, brass pot, cast bowl, 3 kettle hangers, butter churns, ironstone church plates, platters, ink well, Vases, Soap stone, Food dryer, 1889-1928 Stamps & letters, bee smoker, knives & forks, automotor heater, Childs old pedal car, wrecker, tin car (Chrysler) sled, and many useful items not listed.

Case of Rain - Sale held indoors.

Sale Order - Antiques 10:00 A.M. Guns 1:30 P.M.

Lunch - Chicken B-B-Q

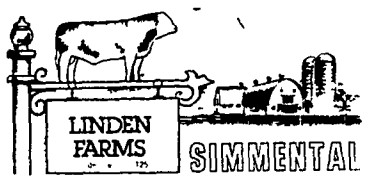
Sale by
JAY & NANCY KULP

C.H. Wolgemuth & H. Shaffner Aucts.
Ph. 665-5664

LINDEN FARM
PRESENTS

ULTIMATE I
MAY 23, 1981
At 11:00 A.M.
SELLING:
60 lots of outstanding (Cows) Simmental Female (Breds, Pairs & Open Heifers).

For Catalogs Call or Write
Linden Farms
LaGrangeville, N.Y. 12540



Kenneth Creese, Herdsman
Tele. 914-223-5904

KARL EHMER, OWNER
914-223-3586

Farm #914-223-3032

CATTLE FOR SALE AT ALL TIMES

PUBLIC SALE
OF REAL ESTATE
(Modular home, Barn w/10 acres of Land)
Land)
TRACTORS, PAY LOADER, TRUCK, SHOP EQUIPT., TOOLS, MODERN FURNITURE & HOUSEHOLD GOODS
SATURDAY, MAY 23, 1981
At 9:00
Located along Oak Rd., R.D. #2, Conestoga, Manor Twp., Lanc. Co., Pa. Near Lanc. Forest Fire Crew Base, 2 mi. west of Safe Harbor, 1 mi. east of Highville.

Real Estate: modular home w/full cemented basement, attached 2 car garage & sun deck. 30'x30' 1 story cement block 2 car garage & work shop w/10' by 10' overhead doors. 24'x28' 2 story frame & cement block barn w/horse stables, steer pen & sec. floor storage. Property will be open for inspection Sat's. May 9 & 16 from 12:00 noon until 3 P.M. or phone 872-5848.

Farmall Cub w/belly rotary mower, cultiv. & 5' mower. Farmall B.N. w/cultiv. & 6' mower. W.D. Allis Chalmers (as is). 1975 Chevy #10 Scottsdale ½ ton pickup truck w/auto., power steering & brakes, AM-FM radio & 8 track. 8' truck camper. Massey Ferguson #356 pay loader w/6½' bucket & full power. 6' pay loader bucket (new). United tractor w/live hyd. & snow plow; 2 heavy-duty hyd. wood splitters mounted on 2 wheel trailers; 2 wheel dump bed trailer; chain saws; 2- #225 Lincoln port. welders (1 mounted on trailer); cylinder braising set complete; welding equipt.; air compressors; 2 ton chain blocks; 11x6 band saw (wood or metal); numerous power tools; numerous sets & misc. hand tools; 18 H.P. gasoline engine; old car parts; old truck & car manuels; towing bar; 275 gal. oil tank; log chains; oak lumber.

Household Goods: Whirlpool chest freezer; Kelv. upright freezer; Philco 2 door refrig. frost free; G.E. Auto. washer #18 H.D.; Whirlpool auto. dryer; RCA colored TV; Royal dehumidifier; Thomas elec. spinet organ; heavy pine 3 pc. bedroom suite complete; heavy pine coffee & 2 end tables. Fine oak lg. sq. ext. table w/3 boards; 6 oak chairs (high back); oak 2 pc. hutch cupboard; 2 pc. Early American living rm. suit, swivel arm chair; Lazy-Boy recliner etc. Other furniture in walnut, maple & oak. Picture frames; books; lg. & sm. crocks; milk can; store scales; mantel, cuckoo & dome clocks. 12 pc. Japanese china dinner set in Ivory China; china & glass mugs & steins etc.; kitchen articles; table & pole lights; elec. heater & fans. Gun: 12 g. bolt action shot gun. Saddles: 2 western & English. Blacksmith shoeing tools. Other misc. articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. ROGER N. THERRIEN

Georgelis & Solodky Attys.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst 464-3190

Public Sales Register
Closing Date - Monday, 5.00 P M of each week's publication

SAT JUNE 6 2 00 PA's 5th Performance tested yearling ram sale PA Dept of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Rd , State College, PA 16801

SAT JUNE 6 - 9 30 A.M Public Sale of Real Estate, Household Furnishing, Antiques Collectibles, Farm Equipment and Tools Located 1½ miles SW of the village of Shellsville, on new Rt 22, East Hanover Twp , Dauphin Co , PA, 12 miles east of Harrisburg on I-81 to Exit 28 (Penn National Racetrack Exit) take Rt 743 south to Rt 22, turn west 1½ miles to farm located at the corner of New Rt 22 and North Crawford Rd Verna Shirk Owner George and Mike Deibert Auctioneers and Realtor

SAT JUNE 6 - 9 00 A M Public Sale of Real Estate, Antiques, Collectibles, Truck, Snowmobile, Farm Machinery and Tools Located on Rt 209 between Millersburg and Elizabethville, PA near the village of Rife Edwin J Frank Estate Dockey & Dockey Auctioneers

SAT JUNE 6 - Nittany Antique Machinery Assn Annual Consignment Sale Flea Market June 6 & 7 Located at Penns Cave, Rt 192 E Centre Hall, PA 814-237-3141

MON JUNE 8, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES JUNE 8 9 30 A M Consignment Sale Located at S Race St, Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

FRI JUNE 12 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 13 - Public Sale of Kitchen Cafeteria Equipment, Desks, Chairs, School Busses and Surplus Items Located at the Exeter Twp Bus Garage along shellbourne Rd , ¼ mile south off Rt 562, (at Jacksonwald), or 2 miles north off Rt 422, just east of Reading Country Club, Exeter Twp Berks Co , PA Sale by Exeter Twp School District, Frey Auctioneers

SAT JUNE 13 - 10 A M Annual Registered Heifer Sale at New Holland Sales Stables Inc , New Holland, Pa

MON JUNE 15, 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED JUNE 17 - 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa. Watch for sale signs F Snyder, R Martin, C Wolgemuth, J. Fry and L Horst, Auctioneer

WED JUNE 17 - 5 00 P M Public Sale of Antiques, Collectibles, Household Goods, Misc Tools and Garage Items Located at 1114 Shamokin St , Trevorton, PA Ruth Sigafoos Owner Dockey & Dockey Auctioneers

THURS JUNE 18 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JUNE 19 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 19 - 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JUNE 20 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JUNE 20 - Real Estate Sale near Mifflintown, PA For information contact First Nat Bank, Trust Dept. Mifflintown, PA 717-436-2144

SAT JUNE 20 - 10 00 A M Public Sale of Real Estate, Antiques, Collectibles and Household Items Located ½ mile off Rt 225, 1½ mile west of the village of Urban, PA Goldie Wilkin Owner Dockey & Dockey Auctioneers

MON JUNE 22, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI JUNE 26 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 27 - 11 A M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

MON JUNE 29, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JULY

THURS. JULY 2 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT JULY 4 - 10.00 A M Public Sale of Real Estate, Household Goods, Antiques, Tools, Tractors, Car, Etc Located 4½ miles W. of Berwick, PA, 1½ miles off Rt 93 along Yost Hollow Estate of Willis H Hess Max Fraley & Son Auctioneers

NOTICE OF PUBLIC SALE

Notice to the heirs at law, next of kin and other parties in interest:

NOTICE IS HEREBY GIVEN that the undersigned will offer at public sale at the Fort Granville Branch of The Russell National Bank, West Fourth Street Extended, Lewistown, Pennsylvania, on Friday, May 29, 1981, at 2:30 o'clock, P.M., D.S.T., the following real estate.

ALL THOSE two tracts of land situated in Derry Township, Mifflin County, Pennsylvania, bounded and described according to survey by John G. Robinson & Associates, Inc., dated October 20, 1976, and recorded in Plat Book No. 11, Page 13, Tract No. 1 consisting of 53.32 acres and Tract No. 2 consisting of 77.35 acres, more or less, said Tracts being contiguous, No. 1 being on the North side of Township Road No. 377 and No. 2 being on the South side of said Road. For legal description see Mifflin County Records, Deed Book 220, Page 325. Tax Map Reference is 16-08-07.

EXCEPTING, NEVERTHELESS, from the foregoing, a certain one-half (½) acre parcel of Tract No. 2 conveyed by Mary Hephzibah Mitchell a/k/a Hephzibah Mitchell, individually and as Administratrix of the Estate of John T. Mitchell, deceased, to Ralph P. Kearns and Lola H. Kearns, his wife, by Deed dated April 29, 1977, and recorded in Mifflin County Records in Deed Book 227, Page 399.

This property is jointly owned by Mary Hephzibah Mitchell and Margaret Nancy Mitchell, an Incompetent whose Guardian, The Russell National Bank, will join with Mary Hephzibah Mitchell (subject Court confirmation) in the conveyance of the total fee interest in said premises.

TERMS OF SALE: Down payment payable at time of sale shall be Thirteen Thousand Five Hundred and 00/100 ($13,500.00) Dollars, payable in the form of a certified check drawn on any State or National Bank licensed to do banking business in the Commonwealth of Pennsylvania, said check to be payable to the order of Mary Hephzibah Mitchell and The Russell National Bank, Guardian of the Estate of Margaret Nancy Mitchell. Realty transfer taxes shall be divided equally between purchaser and sellers. Annual real estate taxes shall be prorated to date of settlement on a calendar year basis. Settlement to be held within Thirty (30) days after confirmation of sale by Court.

Sale of the interest of the Estate of Margaret Nancy Mitchell in the said premises is subject to confirmation by the Court of Common Pleas, Orphans' Court Division, at a hearing to be held Wednesday, June 3, 1981, at 10:00 o'clock, A.M., in the Courtroom of the Courthouse at Lewistown, Mifflin County, Pennsylvania.

Sellers reserve the right to reject any and all bids, to convey the premises by one or more Deeds to accommodate two or more purchasers who submit a joint bid.

For inspection of premises call J. Harold Boyer, President and Trust Officer of The Russell National Bank at Lewistown, Pennsylvania (717) 248-4951.

MARY HEPHZIBAH MITCHELL
THE RUSSELL NATIONAL BANK,
Guardian of the Estate of
Margaret Nancy Mitchell
SEARER & TORQUATO
Attorneys for The Russell National Bank
BRUGLER & LEVIN
Attorneys for Mary Hephzibah Mitchell
AUCTIONEER: Mark Glick

DAIRY CATTLE CONSIGNMENT SALE
FRIDAY, MAY 22
7:00 P.M.
PENNS VALLEY LIVESTOCK AUCTION
CENTRE HALL, PA

Dairy Cows and Heifers - All Ages, Fresh or Close Springers, Purebreds and Grades From Some of The Best Production Herds in the Area. Also Included in This Sale Will be a Herd of 22 Holsteins (6 Open Heifers). All Ages and Stages of Lactation.

Health Charts Will Be Furnished.
Consign or Come to Buy.

Further Information Call
(814) 238-8032
(814) 364-1705

RON GILLIGAN, AUCTIONEER

CONSIGNMENT CATTLE MAY BE DELIVERED TO AUCTION FROM NOON THURSDAY UNTIL SALE TIME.

ANNUAL HEIFER SPECIALS
at the

New Holland Sales Stables
Grade Sale — May 30
10:00 A.M.
800-1000 Grade Holstein Heifers

All ages from started calves to fresh heifers Several lots of fancy open heifers. Calfhood vaccinated Consignors, please have animals at sale barn Friday, day before sale, accompanied by health charts, breeding information, Vet checks, etc.

Our Registered Heifer Sale date is Saturday, June 13 at 10:00 A M. All sizes of Registered Heifers will be sold. Many from high-producing dams with good pedigrees.

For more information to buy or sell, contact either NORM KOLB at 717-397-5538 — or ABE DIFFENBACH — Sales Barn Office: 717-354-4341.

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

MON JULY 6 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 11 10 A M Benefit Sale for Haneyville Fire Co Located at the Haneyville Fire House North of Lock Haven, Pa along Rt 664 Auctioneers Ira Stoltzfus & Son & Jay Leary

THURS JULY 16 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JULY 17 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JULY 17 - 6 30 P M Consignment Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 18 - 6 30 P M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 20 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 25 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT JULY 25 1st Annual Benefit Auction by the Hinkletown Mennonite School Quality donated items Located just off Rt 322 along Wanner Road Leon Z Martin, Manager

MON JULY 27 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI JULY 31 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

AUGUST

SAT AUG 1 - 1 00 P M Reg and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co Lewis and Ruth Brown, Owners Carl and John Diller, Auctioneers

MON AUGUST 3 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON AUGUST 10 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 - 6 30 P M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

PUBLIC SALE

OF 6.5 ACRE FARMETTE, ANTIQUES, HOUSEHOLD GOODS, CARS, GUNS & COINS
SOUTH HEIDELBURG TOWNSHIP
SATURDAY, MAY 23
SALE TIME 9 A.M. REAL ESTATE 2 P.M.

Located along Huntzinger Rd. (Corner of Mountain Top Road & Huntzinger Rd.), South Heidelberg Township, Berks Co., PA.

Directions: Rt. 422 at Wernesville to Hoover Motors - follow signs to Galen Hall (Galen Hall Rd. to Huntzinger Rd.). Watch for pointer signs.

6.5 ACRES (More or Less)
2½ STORY FRAME DWELLING
FRAME BARN WITH GARAGES

ANTIQUES - 3 Pc. Marble Top Bedroom Suite; Marble Top Buffet; Corner Cupboard; Jelly Cupboard; Oak Dropleaf Extension Table; Oak Dresser; Wash Stand; RCA Victor Victrola; GERMANY MUSIC BOX in Walnut Cabinet (Metal Disc); 19 Metal Discs; Edison Cylinder Phonograph, Cylinders; Edison Cylinder Phonograph (Large Cylinders); Phonograph Horns; Oak Pressed Back Chairs; Oak Library Table; Large Cane Seat Rocker; Cane Seat Chairs; Boston Rocker; Blanket Chest; ½ Doz. Half Spindle Chairs; Spool Bed; Antique High Chair; Antique Table Radio. CLOCKS - Gingerbread Calendar Clock; Octogon School House Clock (Oak Cabinet); Jerome Shelf Clock; Ingraham Gingerbread Clocks; Cuckoo Clocks; Clock in Iron Case; 78 Records; Antique Quilts; Homespun Linen; Rag Carpet.

ANTIQUE MUSICAL INSTRUMENTS - Set of Drums; French Horn; Trumpet; 4 Coronets; 2 Clarinets; Baritone; Glockespeil; Tuba; Marino Horner Accordion; Straight Saxophone. Baskets; Brass Bucket; Brass & Other Antique Locks; Brass Front Scales; Balance & Bar Scales; Milk Cans; Sausage Stuffer; Meat Grinders & Other Butcher Tools. CHINA & GLASSWARE - Crocks & Jugs. Railroad Caboose Lantern & Other Lanterns; Buggy & Antique Car Kerosene Lights; Ooga Horns; Brass Tire Pumps; Misc. Antique Car Parts; Cans; Old License Plates; Wooden Rakes & Fork Flails; Grain Cradle; Wooden Wheels; Wooden Tubs; Sled; Large Copper Kettle; Woodburning Stove; Parlor Stove; Large & Small Iron Kettles; Broad & Axes; J.B. Stohler Axe; Adz; Digging Irons.

CARS & GASOLINE ENGINES - 1922 BUICK (4 DOOR CANVAS TOP) TOURING CAR (Completely Restored), Excellent Condition; 1954 PACKARD 4-DOOR SEDAN (Straight 8) (Restored); 1973 DODGE DART SEDAN (4-Door, Straight Shift) (41,200 Actual Miles - Excellent Condition); 1934 SACHS - WANDERER - Antique Motor Bike; ANTIQUE INTERNATIONAL 6 H.P. GASOLINE ENGINE; 2 Antique Gasoline Engines (Slant Cylinder); 2½ H.P. Cylinder Gasoline Engine (ANTIQUE); Several Maytag Gasoline Engines & Other Engines; Wooden Wheel Pull-a-Long Market Wagon; Pull-Along Box Sleigh; INTERNATIONAL FARMALL "SUPER A" FARM TRACTOR; 6 H.P. SEARS RIDING FARM TRACTOR; Turning Lathe (5 Ft. Bed); Table Sander; Drill Press; Walking Plows; Buck Saws; Bow Seeder; Corn Sheller.

GUNS - 12 Gauge Double Barrel Hammer Shotgun, Fine Engraving, Fine Condition; 12 Gauge Pump with Hammer Winchester Model No. 97, 30" Barrel, Excellent Condition; 12 Gauge Double Barrel Percussion Real Twist (Name), 22" Barrel, Fine Condition; 58 Caliber Muzzle Loading, Spesco No. 107; 12 Gauge Double Barrel Hammer Gun, Riverside Arms Co., Excellent Condition; 22 Caliber Single Shot Hammer Gun; 12 Gauge Single Barrel Hammer Gun, Electric Model No. 1885; 410 Gauge Shot Gun Nerica; 12 Gauge Single Shot Hammer Shot Gun, Harrington & Richardson; Japanese Military Rifle; 12 Gauge Percussion Double Barrel Muzzle Loader; 12 Gauge Percussion Muzzle Loader, Brass Fitted.

COINS - 35 Silver Dollars; 17 Eisenhower Dollars; 82 Silver Halves; 54 Kennedy Halves (After 1964); 718 Silver Quarters; 807 Silver Dimes; War Nickels; Indian Head & Wheat Pennies; Steel Pennies.

COINS TO BE SOLD AT 4 P.M.
GUNS AT 1 P.M. CARS AT 1:30 P.M.

Sale will be held under a tent. Plenty of off street parking.

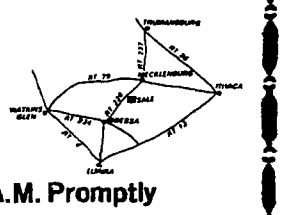
TERMS BY:
GEORGE F. KOCH ESTATE

T. Glenn Horst, Auct.
859-1331

HAVENS' PUBLIC SALE
OF FARM EQUIPMENT

Will offer for sale the following at his place of business located seven miles north of Odessa, N.Y., or three miles south of Mecklenburg along Route 228, about 12 miles southwest of Ithaca, on

SATURDAY, MAY 23, 1981



sale at 10:00 A.M. Promptly

TRACTORS
Ford 2000; (2) Cletrac with angle blade; AC D-17; Ford 600; M.F. 35; W.D. 45 WF; Farmall H; Farmall Super M; Farmall Super W 6; IHC 300 with loader; AC 170 D; Ford 5000 D

HAYBINES
IHC 1290 12 ft. Haybine; N.H. 469; N.H. 460; Ford 535, 9 ft.; Hesston PT 10; Hesston PT-7 - NEW; Hesston PT 10; Hesston PT-7; N.I. 279 Cutditioner; N.H. 477; N.H. 469; Hesston 1090; J.D. 1209.

MOWERS and CONDITIONERS
AC Conditioner; N.H. 450 3 Pt. Mower; Ford 3 Pt. Mower; N.I. Trailer Mower; NEW 5 ft. Rotary Trailer type Mower; NEW 6 ft. Rotary Trailer type Mower; NEW 5 ft. 3 Pt. Rotary Mower; N.H. 46 Mower; J.D. No. 9 Mower; Semi Mt. Mower; Oliver 415 Mower.

BALERS
N.H. 273 with Kicker; I.H.C. 440 with Kicker; J.D. 24T with Kicker; J.D. 214 Wire; I.H.C. 37 with Kicker; M.F. 12 Baler; (2) AC Round Balers.

HAYRAKES
New Idea 402; J.D. Rake; (2) N.H. Rake; A.C. Rake; Farmhand Wheel Rake.

WAGONS
NEW Running Gear; New Knowles R. Gear; N.I. Running Gear; Kicker Wagon; Rex Forage Wagon; Grove Forage Wagon.

FORAGE EQUIPMENT
I.H.C. Flail; N.H. Flail; I.H.C. 550 Chopper with 2 row Corn Head; N.H. Super 717 with Pickup Head & 1 Row Corn Head; N.H. Whirlblower; Papec Blower; J.D. Blower; N.H. 818 with Pickup Head; N.H. 770 Pickup Head; J.D. 38 Pickup Head.

TILLAGE EQUIPMENT
Ford 2 & 3 bottom Plows; Various other types; Dunham Transport Disc; 3 Pt. Cultivator; (2) Ford 3 Pt. Disc; Brillion 3 Pt. 4 Row Cultivator; Westgo 3 Pt. 4 Row Cultivator; Lilliston 3 Pt. 4 Row Cultivator; A.C. 12 ft. Transport Disc; Ford 3 Pt. Drags; I.H.C. 10 ft. Trans. Disc; J.D. 10 ft. Disc; Mel Cam Stonepicker, like new; Oliver Superior Grain Drill.

MISCELLANEOUS EQUIPMENT
Includes Manure Spreaders - N.I.; N.H. 362 Barrel - NEW; Star Barrel Spreader; New 3 Pt. Blades 6-8 Ft.; NEW 3 Pt. Lifts; Post Driver; Allied 600 Loader; NEW 3 Pt. Carry All; Ford Pickup Truck Box; Dodge Pickup Truck Box; Buss Saw, 3 Pt.; Owantonna Grinder Mixer; Long 3 Pt. Backhoe; Ottowa Fork Lift Attachment; Schramm Backhoe with air compressor. Other Miscellaneous Equipment and Items.

Some items may be sold and some added previous to day of auction.
Terms - Cash or Good Checks; Ident. required; Lunch at Sale.
Sale conducted by Blaine N. Rentzel, Emigsville, Pa. and Arlow Kiehl, Watertown, N.Y.

Owner,
ARLO HAVENS
RR 1, Odessa, N.Y.
Phone: 607-387-9821

PUBLIC AUCTION

HG CRAWLER: FARM EQUIPMENT ANTIQUES
SAT. MAY 23, 1981
at 10 A.M.

(3 miles N. of Fogelsville), turn W. off Rt. 100 at Claussville intersection onto blacktop toward Seipstown, Weisenberg Twp., Lehigh Co. Pa.

Oliver HG 68" crawler (nice); culti for same; Oliver 84 two bot. pl.; 3 pt. two bot. 14" pl.; 3 pt. three sec. harrow; Oliver 6' offset disc w/22" discs; 3 pt. or pole type Black Hawk corn planter; N Idea 7' trailer mower; N Idea four bar rake; NH 66 pto baler (rebuilt); four wheel 14' trailer w/extra 10½ grain body; King Wyse 26' bale elev; Bean 300 gal. potato sprayer w/model 15 pump & boom; 3 pt. one barrel weed sprayer; hy pressure hose & spray gun; cement mixer; duplex potato grader; 100 bu. crates, strawberry crates; few orchard saws. prunners, ladders includ. 40' ex.; hallock potato pl.; 500 lb. platform scale; 1000 lb. beam scale; round scalding trough; meat grinder w/motor; sausage stuffer; (2) butcher benches; (6) wooden tubs; (2) ci kettles; strap brass sleigh bells; split oak baskets; round oak table; (2) spool chests two drawers missing; old Philco console radio; Maytag wringer washer; recliner chair; plus many articles too numerous to mention.

Note: Above farm equip. in good condition.
Terms: Cash or check
Refreshments served

Ordered by
RICHARD (DICK) BARTHOLOMEW
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Lynn D. Tanner, Jr. Atty.
Aberdeen, Maryland 21001

PUBLIC AUCTION

HORSEDRAWN AND TRACTOR FARM MACHINERY, PICK-UP TRUCKS, ANTIQUES AND HOUSEHOLD ITEMS.

To settle the estate of GEORGE WILLARD RICHARDSON, Late of Harford County, the undersigned Personal Representative will sell the following at PUBLIC AUCTION on the Farm known as 1000 OLD PHILADELPHIA ROAD (Md. Rte. #7) - ½ mile east of the intersection with PULASKI HIGHWAY (US Rte. #40) between PERRYMAN and ABERDEEN - in the Second Election District of Harford County, Maryland on

SATURDAY MAY 23
At 10:00 AM (EDST)

1950 SPARTAN Mobile Home - 8' x 32' - w/1 BR; 1950 STUDEBAKER ½ Ton Pick-up Truck; 1962 GMC ½ Ton Pick-up Truck; N-H PTO Baler; NI Manure Spreader; 1947 "H" FARMALL Tractor; NI Trail Mower; N-H 256 S-D Rake; Int'l. 2x14" Plow; Front-mount Cord Wood Saw; Int'l. 8 ft. Disc Harrow; Old N-H No. .10 Grist Mill; BROADMAN Riding Mower; TROY Rototiller; Old Root Cutter; 2 Old Grain Fan Seed Cleaners; Old Hay Truck Carriage; McD-C 8-Gang Horse Cultivator; 2-Hole Corn Sheller; Old Horse Dump Cart; Ladders; Wheelbarrow; Old Platform Scale; Horse Harness; Old Horse Machinery Parts; Old Bench Saw; Old Bench Vise; Oil & Gas Pump w/Drums; Barbed Wire; Baling Twine; Lumber & Pallets; Pile of Iron, Old Tires & Used Appliances; Old Hand Lawn, Garden & Farm Tools. Square Oak DR Table w/Leaves; Old Oak DR Chairs; Plantation Secretary Desk; Old Pine Tables; Bentwood Kitchen Chairs; Oak Roll-top Single-Pedestal Desk; Oak High Chest; Spindle-back Chair; Chest of Drawers; 3 Old Sideboards; Old Mantle Clock; Lamps; Old Cream Separators; Metal Beds; Glassware; Chinaware; Old Wood Cook Range; FRIGIDAIRE Refrigerator; Pots, Pans & Kitchen Utensils; Old Wood Box; Many other Interesting & Collectible Items.

TERMS: CASH or APPROVED CHECK

J. Freeman Wright, Pers. Rep.
1115 Old Philadelphia Road
Aberdeen, Maryland 21001
301-272-0818 or 272-0806

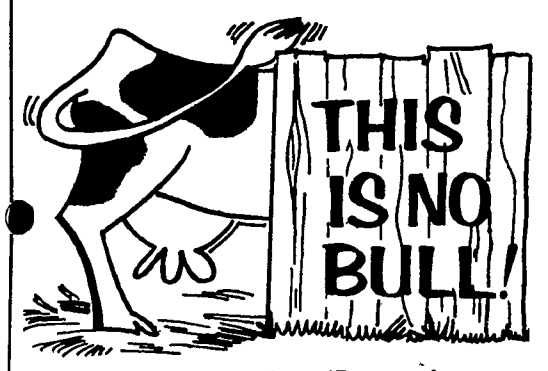
AUCTIONEERS:
John H. O'Neill
K.C. Travers
301-838-6980

Not Responsible for Accidents on Day of Sale
Refreshments served by LADIES AUXILIARY of MT. CALVARY BAPTIST CHURCH

ATTENTION FARMERS & DAIRYMEN

4-D Cattle Service. We use down, disabled, crippled cows or cows with calving problems.
Slaughtered under federal inspection
Prompt payment & prompt service
Call anytime
717-272-6848
ask for Barbara

SPECIAL NOTICE



3 P.B. Herds w/Records.
Several have made 18,000-25,000 lb. records per cow. Selected from Maine, New Hampshire & Bucks Co., Pa. 1 Fancy P.B. Herd from Maine. 1 Top Producing Grade Herd. Avg. 72 lb. per cow. Our prime consideration when selecting a herd is production, type & pedigree.

Stop by our farm & you'll see what we mean.

MEL KOLB, INC.

2220 Dairy Road
Lancaster, PA 17601
717-569-6800 or 569-2106

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

MON AUGUST 17 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 20 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI AUG 21 - 6 30 P M Consignment of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers

MON AUGUST 24 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 29 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Ray & Dave Imes Auctioneers

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

FARM & WOODLAND AT

PUBLIC SALE

SATURDAY, JUNE 6
1:00 P.M.
Located in Central Pa., Juniata Co.

TRACT 1 - 130 acres farm, approx. 100 ac. tillable.
TRACT 2 - 48 acres mt. land.
TRACT 3 - 74 acres mt. land.
LOT 1 - 3½ acres.
LOT 2 - 3½ acres.
LOT 3 - 2½ acres.
For Brochure, Contact:
Long Bros., Aucts.
R.D. #1
Port Royal, Pa. 17082
Ph. 717-527-4458

MON AUGUST 31 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SEPTEMBER

THURS SEPT 3 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON SEPT 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON SEPT 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

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SAT SEPT 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner.

MON SEPT 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

OCTOBER

THURS OCT 1 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SATURDAY, OCTOBER 3, 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON OCT 5 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 12 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS OCT 15 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

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MON OCT 26 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOVEMBER

MON NOV 2 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager Robert Mullendore, Auctioneer

MON NOV 9 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 16 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS NOV 19 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT NOV 21 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 23 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV. 30 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

DECEMBER

FRI DEC 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON DEC 7 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT DEC 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 21 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

HURRY!
Dairy Farmers!
Don't Miss Mel's

SPECIAL HOLSTEIN SALE!

THURSDAY, MAY 21st, 1981
at 7:30 P.M.
Melvin Kolb, Inc., Maryland Farm !!!

LOCATION: At my Maryland Farm ½ mile Northwest of Woodsboro on Rt. 550 in Frederick County.

150 Head of HOLSTEINS hand picked by us, personally 150

These cows were selected from some of the better herds from several states. We try to buy the best and leave the rest. There will be good cows from Wisconsin, Minnesota, Maine, New Hampshire, Vermont, New York, Pennsylvania and Maryland. We spent a lot of time and money to put this fine group together.

There will be 75 purebred of the finest quality. Several classified and with DHIA Records. They are picked from top herds. Some of these cows are milking up to 100 lbs. per day. 25 Big Purebred first calf heifers, fresh, milking up to 75 lbs. per day.

Also 50 big fancy grade cows, just fresh or close to freshening. 25 Fancy grade first calf heifers, just fresh. 25 good grade heifers close to freshening. Several top purebred heifer calves will be sold.

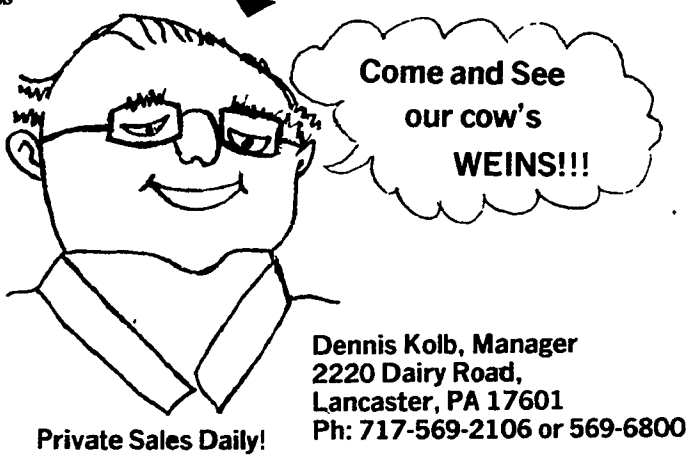
This is a very special group of cows and heifers. If you need any top cows or heifers, Purebred or grades, please come to this sale.

Also selling a few stock bulls. Come early and look our cows over!

Free transportation for Lanc. Co. Amish.
Call Lanc. Farm to arrange a ride.
Terms: Not responsible for accidents
Cash on day of sale.

Lunch Available

Thank you,
MEL KOLB



Robert Mullendore-Auctioneer

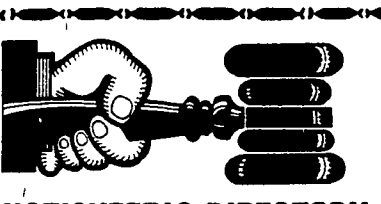
Henry Kettering-Pedigrees

Merle Wachter-Clerk

Thomas Miller, Manager
11342 Cragerstown Rd.
Woodsboro, MD 21798
Ph: 301/898-7720

Private Sales Daily!

Dennis Kolb, Manager
2220 Dairy Road,
Lancaster, PA 17601
Ph: 717-569-2106 or 569-6800



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BIO-4

PURINA®
BIO-4®

BIO-4

FEEDING PROGRAM

A program of feeding pullets and layers precisely the amount of nutrients they need to grow and produce eggs efficiently. Now such precision is possible with the Bio-4 rations. Five levels of feed fortification for five intake levels are provided in the series of rations. Bio-4 ration options allow even greater flexibility to meet specific needs in your particular operation. Also, from Bio-4 concentrates, complete Bio-4 rations can be mixed.

The Bio-4® Feeding Program:
- ★ Promotes optimum performance
- ★ Eliminates expensive nutrient wastage
- ★ Improves feed efficiency
- ★ Permits egg size control
- ★ Provides flexibility to changing conditions
- ★ Compliments benefits of other Purina programs

For more details about the Purina Bio-4 Feeding Program, ask your Purina Salesman or Dealer, or request Purina Bio-4 Feeding Program (P1702) from Purina. If you have specific nutrient needs in your operation, ask about the Bio-4 options. If you have milling facilities available, ask about the Bio-4 Concentrates from which any complete Bio-4 ration can be mixed.

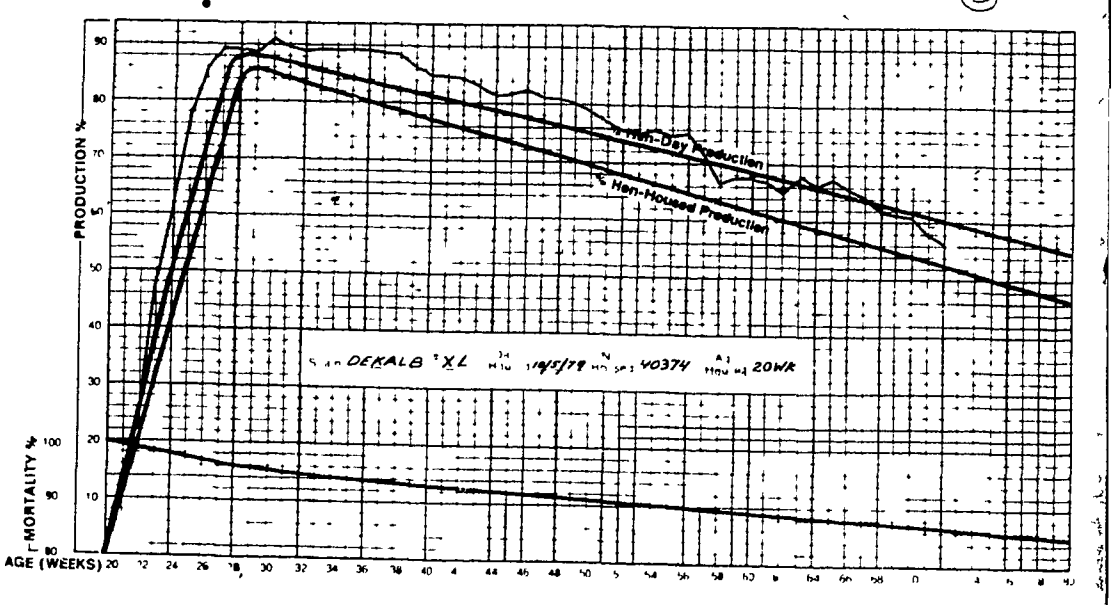
PROOF THAT IT PAYS TO FEED PURINA

No One Offers More...

Strain	DeKalb XL
Number of Pullets Housed	40,374
Mortality (%)	9 4
Date Pullets Capitalized	October 5 1979
Date Out	September 30 1980
Average Hen-Day Production (%)	74 3
Dozens of Eggs per Hen	21 58
Pounds of Feed per Dozen Eggs	3 51
Pounds of Feed per 100 Hens	21 8

The following Purina programs were used during this flock s laying cycle Bio-Mittent™ Lighting Program
Nutri-Cycle® System of Feeding Poultry
Winter Ventilation
Limi-Fed™ Program

WEEKLY FLOCK PERFORMANCE GRAPH



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